



QUALITY
WITHIN REACH



CATALOGUE OF PRODUCTS

2026



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Proline is a brand new line of products dedicated to the most demanding farms. Thanks to the carefully selected materials and innovative technology throughout the production process, all products labelled as „Proline“ offer an outstanding precision and significantly enhanced durability, aiming to meet the highest expectations with regards to their uncompromised quality and operational parameters. The world-class quality is now within your reach!

AGROPLAST

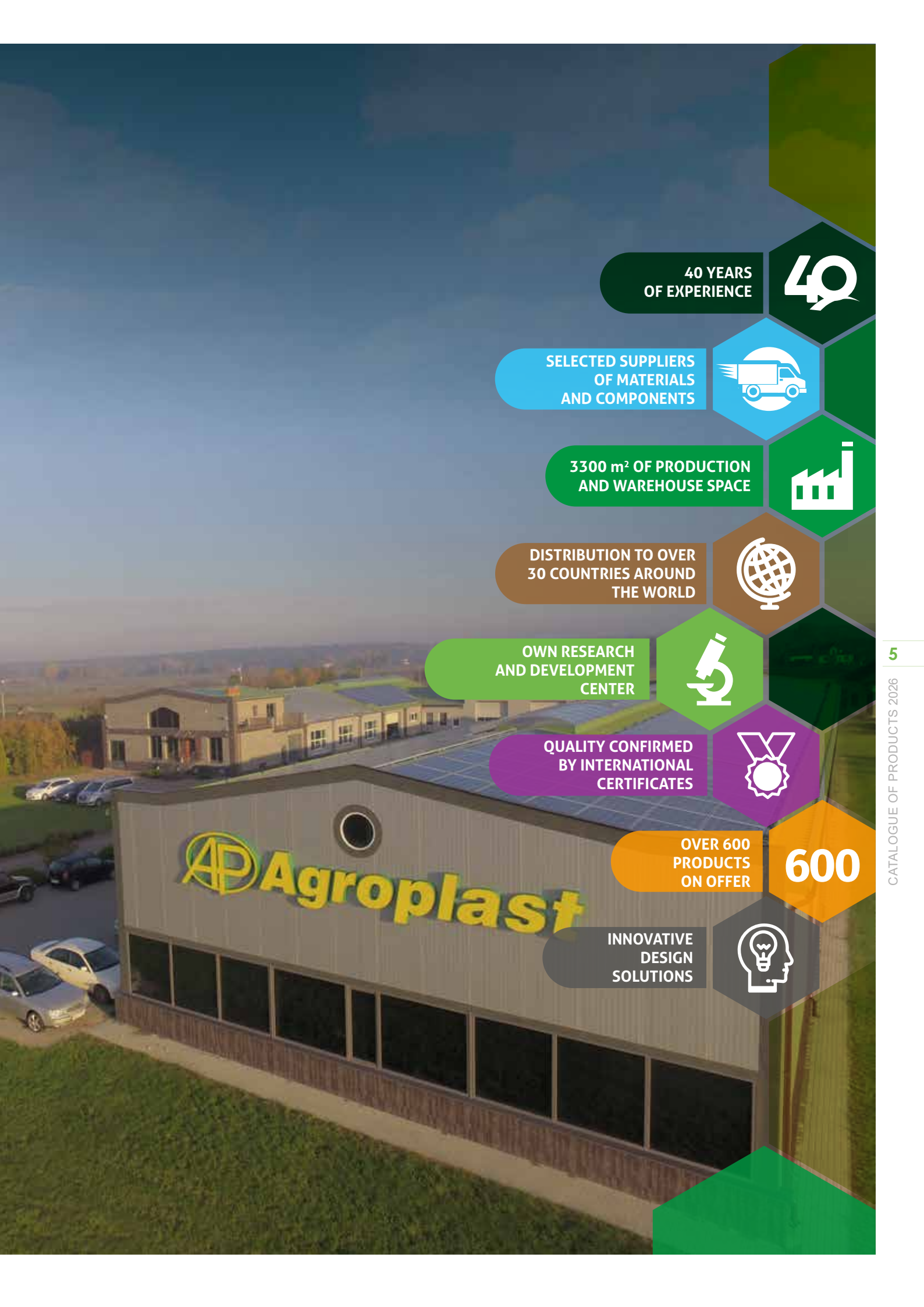
40 years of experience in the field of agricultural sprayer parts combined with a strong technological background allowed Agroplast to secure a position of market leader among producers of sprayer parts and components in Poland and Eastern Europe.

Over the years, we have constantly developed our products, striving to create the highest quality solutions for the agricultural industry. We have undertaken a lot investments aimed at expanding the portfolio offered products as well as improving their quality.

The result of these activities was creation a modern technology park and warehouse within the company's headquarters in Poland, in the Lubelskie Voivodeship. Investments in research and development also resulted in the development and implementation of precision injection technology ceramics, thanks to which, as the only company from Poland, we joined the prestigious group of producers extremely durable ceramic nozzles.

Now Agroplast is known for its innovation solutions and the reliability of the offered products, and our offer is available in over 30 countries around the world. As a market leader in Poland, we pursue the mission of continuous increase competitiveness of Polish agriculture through ensuring the availability of world-class solutions for carrying out plant protection treatments.





40 YEARS
OF EXPERIENCE

40

SELECTED SUPPLIERS
OF MATERIALS
AND COMPONENTS



3300 m² OF PRODUCTION
AND WAREHOUSE SPACE



DISTRIBUTION TO OVER
30 COUNTRIES AROUND
THE WORLD



OWN RESEARCH
AND DEVELOPMENT
CENTER



QUALITY CONFIRMED
BY INTERNATIONAL
CERTIFICATES



OVER 600
PRODUCTS
ON OFFER

600

INNOVATIVE
DESIGN
SOLUTIONS

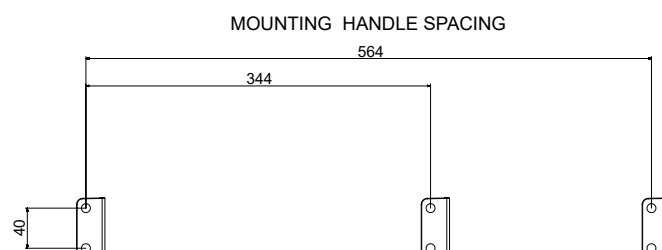
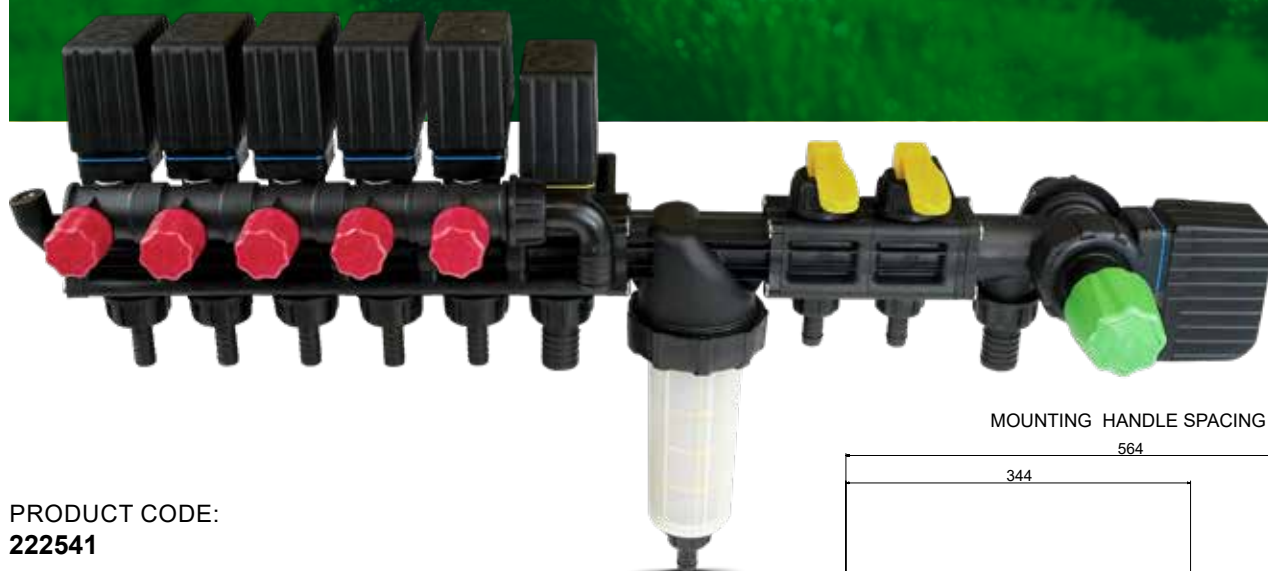


NEW

PRO
Line

CONTROL UNIT HD WITH ELECTRIC VALVES

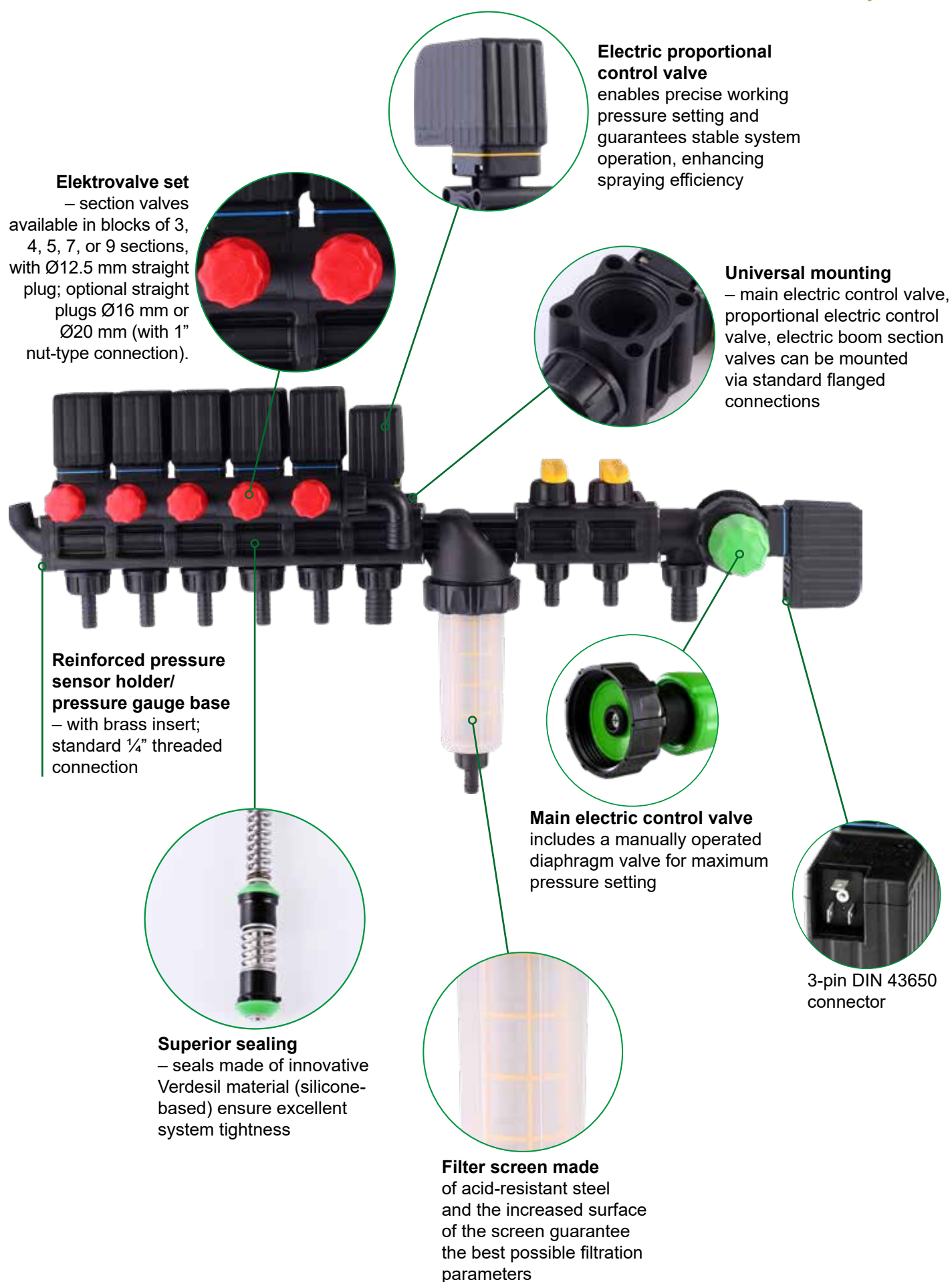
- **Convenient operation and accurate liquid dosing** – section valves and main electric control valve operation can be managed directly from the operator's cab.
- **Robust construction** – housing made of specially reinforced copolymer, highly resistant to mechanical damage.
- **Superior sealing** – seals made of innovative Verdesil material (silicone-based) ensure excellent system tightness.
- **Full compatibility** – the control unit is compatible with both ISOBUS systems and other agricultural rate controllers.
- **Stable system pressure** – boom section valves with regulated return flow ensure constant nozzle pressure – even when individual sections are switched off.
- **Electric proportional control valve** equipped with Ø25 mm inlet connection from the pump and Ø32 mm straight ejector-type on overflow.
- **Maximum pressure adjustment** – **main electric control valve** with adjustable pressure relief valve includes a manually operated diaphragm valve for maximum pressure setting.
- **Electric proportional control valve** – available in two versions: yellow (for use with manual control panels) and grey (for use with computers). Enables precise working pressure setting and guarantees stable system operation, enhancing spraying efficiency.
- **Universal mounting** – main electric control valve, electric proportional control valve and section valves can be mounted via standard flanged connections; electrical connection via 3-pin DIN connector nr 43650.
- **Elektrovalve set** – section electric valves available in blocks of 3, 4, 5, 7, or 9 sections, with straight plug Ø12.5 mm; optional straight plugs Ø16 mm or Ø20 mm (with 1" nut-type connection).
- **Stainless steel filter** – filter mesh available in three density options: MESH 50, MESH 80, and MESH 100.
- Opening time – 0,3 s, closing time - 1s.



PRODUCT CODE:
222541

CONTROL UNIT HD WITH ELECTRIC VALVES

**PRO
Line**



ACCESSORIES TO CONTROL UNIT HD WITH ELECTROVALVES



**MAIN ELECTRIC
CONTROL VALVE**
222527



**ELECTRIC BOOM
SECTION VALVE**
222398



**ELECTRIC
PROPORTIONAL
CONTROL VALVE HD**
222411



**ELECTRIC
PROPORTIONAL
CONTROL VALVE HD**
222404



ELECTROVALVE SET
3 SECTIONS: 222428
4 SECTIONS: 222435
5 SECTIONS: 222442



ELECTROVALVE
7 SECTIONS: 222503
9 SECTIONS: 222510

CERAMIC NOZZLES

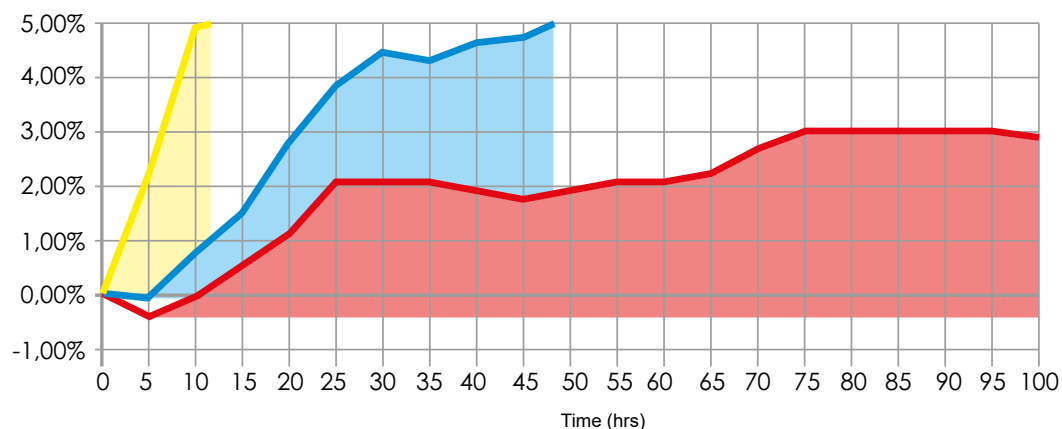
PRO
Line

We have made significant investments in R&D and production technology. This huge effort resulted in development of our brand new line of high precision ceramic nozzles, produced in accordance with ISO standards. This implementation, preceded by a thorough, years-long research and trials, placed Agroplast among very few companies in the world, who mastered the complex technology of producing top quality ceramic nozzles for agriculture and horticulture applications.

Using the highest purity ceramics enables to achieve exceptional hardness of our nozzles (HRC of ~81), offering extremely high wear resistance. All our ceramic nozzles undergo a certification process by ENTAM to ensure best precision, ISO standardised flow rate and desired droplet spectrum.

We offer a wide range of nozzles for most types of application, growth stages and weather conditions.

NOZZLE WEAR RATE TEST



NOZZLE		6MSC2	6MSC	8MSC	DK8MSC2
SPRAY PATTERN					
PRESSURE RANGE (BAR)		2-6	2-6	2-6	2-6
DRIFT POTENTIAL		Very low	Very low	Extremely low	Very low
Herbicides	Soil incorporated treatment	++	++	++	++
	Pre-emerge	++	++	++	++
	Post-emerge (systemic)	++	++	++	++
	Post-emerge (contact)	++	+	+	+
Fungicides	Contact	++	+	+	+
	Systemic	++	++	++	++
Insecticides	Contact	++	+	+	+
	Systemic	++	++	++	++
Liquid fertilizer	Soil incorporated treatment	-	+	+	-

NOZZLE		DK8MSC	AP120C	APS80RC, APS60RC	S90
SPRAY PATTERN					
PRESSURE RANGE (BAR)		2-6	2-6	5-20	5-15
DRIFT POTENTIAL		Very low	Very low	Extremely low	Very low
Herbicides	Soil incorporated treatment	++	++	++	++
	Pre-emerge	++	++	++	++
	Post-emerge (systemic)	++	++	++	++
	Post-emerge (contact)	++	+	+	+
Fungicides	Contact	++	+	+	+
	Systemic	++	++	++	++
Insecticides	Contact	++	+	+	+
	Systemic	++	++	++	++
Liquid fertilizer	Soil incorporated treatment	+	-	-	-

DUAL SPRAY AIR-INJECTOR CERAMIC NOZZLE

6MS02C2, 6MS03C2,
6MS04C2, 6MS05C2



PERFECT SOLUTION FOR FUNGICIDE AND INSECTIZIDE SPRAY

Thanks to the air stream aspirated through the holes in the nozzle base, air-injector spray nozzles generate air bubbles inside droplets (Venturi system). As a result, droplets become heavier and much more immune to drift. Upon contacting the plant the air-injected droplets spatter, enabling perfect uniformity and accuracy of spray, also under difficult weather conditions. The application of two streams practically eliminates the risk of omitting any areas of spray, guaranteeing safety of plants at the same time. Using ceramics as a material ensures a very long lifespan of the nozzle, maintaining high parameters throughout nozzle's lifetime and high wear resistance.

- Dual stream of liquid enables uniform coverage and precision of spray
- Revolutionary technology, utilising highly durable ceramics, guarantees extreme wear resistance of the nozzle, maintaining precise parameters of spraying
- Meets ISO requirements for agricultural spray nozzles
- Suitable for spraying with the wind speed up to 6 m/s and temperature over 20° C
- Recommended usage of 90 mesh strainers with the nozzle
- Fits all standard nozzle holders

Application: plant protectants, growth regulators.



G2115



6MS05C2



Also available in bulk packaging,
25 pieces per pack.

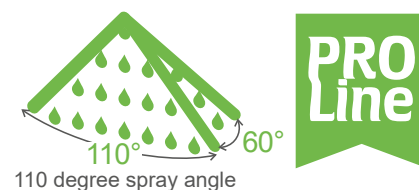


COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	6MS02C2	2,0	XC	0,64	127	96	76	64	55	48	42	38
		3,0	XC	0,78	156	117	94	78	67	59	52	47
		4,0	XC	0,90	180	135	108	90	77	68	60	54
		5,0	XC	1,01	201	151	121	101	86	76	67	60
		6,0	VC	1,10	221	165	132	110	95	83	74	66
 G2115	6MS03C2	2,0	XC	0,98	196	147	118	98	84	74	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	C	1,38	276	207	166	138	118	104	92	83
		5,0	C	1,53	306	230	184	153	131	115	102	92
		6,0	M	1,67	334	251	200	167	143	125	111	100
 G2095	6MS04C2	2,0	VC	1,26	251	189	151	126	108	94	84	75
		3,0	VC	1,54	308	231	185	154	132	116	103	92
		4,0	VC	1,78	356	267	213	178	152	133	119	107
		5,0	C	1,99	398	298	239	199	170	149	133	119
		6,0	M	2,18	436	327	261	218	187	163	145	131
 G2118	6MS05C2	2,0	VC	1,62	323	242	194	162	139	121	108	97
		3,0	VC	1,98	396	297	238	198	170	149	132	119
		4,0	C	2,29	457	343	274	229	196	171	152	137
		5,0	C	2,56	511	383	307	256	219	192	170	153
		6,0	M	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE; M - MEDIUM

DUAL SPRAY COMPACT AIR-INJECTOR FLAT FAN NOZZLE

02DK8MS08C2, 03DK8MS08C2,
04DK8MS08C2, 05DK8MS08C2,
06DK8MS08C2, 08DK8MS08C2



03DK8MS08C2

Agroplast compact nozzles ensure easy installation and comfortable use while maintaining excellent parameters. The use of a double liquid stream generated by the ceramic insert virtually eliminates the risk of skipping even the smallest spray areas, while ensuring plant safety. The use of the purest zirconium insert ensures a very long life of the sprayer, while maintaining the original spray parameters.

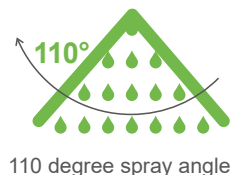
- Made of top quality ceramics, offering extreme hardness and wear resistance (HRC~81)
- Flat fan spray pattern angle 110° enables excellent uniformity of coverage
- Air-injected droplets ensure high drift resistance (wind speed up to 8 m/s)
- Generates coarse and very coarse droplets
- Compact clog-proof design fits all standard nozzle holders
- Recommended pressure: 2-6 bar
- Meets ISO requirements for agricultural spraying systems
- Easy to clean with no danger of damaging the nozzle
- High durability of the nozzle body thanks to the top quality POM

Application: Plant protectants and growth regulators

COLOUR	PRODUCT CODE				NOZZLE SPACING – 50 CM							
		(bar)		(l/min)	Litres / hectare							
	02DK8MS08C2	2,0	XC	0,65	129	97	77	65	55	48	43	39
		3,0	XC	0,79	158	119	95	79	68	59	53	47
		4,0	XC	0,91	182	137	109	91	78	68	61	55
		5,0	VC	1,02	204	153	122	102	87	76	68	61
		6,0	VC	1,12	223	168	134	112	96	84	74	67
	03DK8MS08C2	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	VC	1,39	277	208	166	139	119	104	92	83
		5,0	VC	1,55	310	232	186	155	133	116	103	93
		6,0	C	1,70	339	255	204	170	145	127	113	102
	04DK8MS08C2	2,0	XC	1,30	260	195	156	130	111	97	87	78
		3,0	XC	1,59	318	239	191	159	136	119	106	95
		4,0	VC	1,84	367	275	220	184	157	138	122	110
		5,0	VC	2,05	411	308	246	205	176	154	137	123
		6,0	C	2,25	450	337	270	225	193	169	150	135
	05DK8MS08C2	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	VC	1,98	396	297	238	198	170	149	132	119
		4,0	VC	2,29	457	343	274	229	196	171	152	137
		5,0	C	2,56	511	383	307	256	219	192	170	153
		6,0	C	2,80	560	420	336	280	240	210	187	168
	06DK8MS08C2	2,0	UC	1,96	392	294	235	196	168	147	131	118
		3,0	XC	2,40	480	360	288	240	206	180	160	144
		4,0	XC	2,77	554	416	333	277	238	208	185	166
		5,0	VC	3,10	620	465	372	310	266	232	207	186
		6,0	VC	3,39	679	509	407	339	291	255	226	204
	08DK8MS08C2	2,0	UC	2,45	490	367	294	245	210	184	163	147
		3,0	XC	3,00	600	450	360	300	257	225	200	180
		4,0	XC	3,46	693	520	416	346	297	260	231	208
		5,0	VC	3,87	775	581	465	387	332	290	258	232
		6,0	VC	4,24	849	636	509	424	364	318	283	255

COMPACT AIR-INJECTOR FLAT FAN NOZZLE

02DK8MS08C, 03DK8MS08C,
04DK8MS08C, 05DK8MS08C



110 degree spray angle



02DK8MS08C

- Made of top quality ceramics, offering extreme hardness and wear resistance (HRC~81)
- Flat fan spray pattern angle 110° enables excellent uniformity of coverage
- Air-injected droplets ensure high drift resistance (wind speed up to 8 m/s)
- Generates coarse and very coars droplets
- Compact clog-proof design fits all standard nozzle holders
- Recommended pressure: 2-6 bar
- Meets ISO requirements for agricultural spraying systems
- Easy to clean with no danger of damaging the nozzle
- High durability of the nozzle body thanks to the top quality POM

Application: Plant protectants and growth regulators

COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	02DK8MS08C	2,0	XC	0,65	129	97	77	65	55	48	43	39
		3,0	XC	0,79	158	119	95	79	68	59	53	47
		4,0	XC	0,91	182	137	109	91	78	68	61	55
		5,0	XC	1,02	204	153	122	102	87	76	68	61
		6,0	VC	1,12	223	168	134	112	96	84	74	67
	03DK8MS08C	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	XC	1,39	277	208	166	139	119	104	92	83
		5,0	VC	1,55	310	232	186	155	133	116	103	93
		6,0	VC	1,70	339	255	204	170	145	127	113	102
	04DK8MS08C	2,0	XC	1,30	260	195	156	130	111	97	87	78
		3,0	XC	1,59	318	239	191	159	136	119	106	95
		4,0	VC	1,84	367	275	220	184	157	138	122	110
		5,0	VC	2,05	411	308	246	205	176	154	137	123
		6,0	VC	2,25	450	337	270	225	193	169	150	135
	05DK8MS08C	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	VC	1,98	396	297	238	198	170	149	132	119
		4,0	C	2,29	457	343	274	229	196	171	152	137
		5,0	C	2,56	511	383	307	256	219	192	170	153
		6,0	C	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE

AIR-INJECTOR FLAT FAN NOZZLE

8MS02C, 8MS03C,
8MS04C, 8MS05C



8MS02C

- Made of top quality ceramics, offering extreme hardness and wear resistance (HRC~81)
- Flat fan spray pattern angle 110° enables excellent uniformity of coverage
- Air-injected droplets ensure high drift resistance (wind speed up to 8 m/s)
- Generates coarse and very coarse droplets
- Compact clog-proof design fits all standard nozzle holders
- Recommended pressure: 2-6 bar
- Meets ISO requirements for agricultural spraying systems
- Easy to clean with no danger of damaging the nozzle
- High durability of the nozzle's body thanks to the top quality POM materials

Application: Plant protectants and growth regulators



Also available in bulk packaging,
25 pieces per pack.

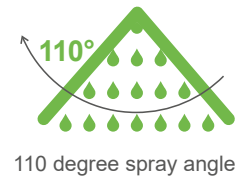


COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	8MS02C	2,0	XC	0,65	129	97	77	65	55	48	43	39
		3,0	XC	0,79	158	119	95	79	68	59	53	47
		4,0	XC	0,91	182	137	109	91	78	68	61	55
		5,0	XC	1,02	204	153	122	102	87	76	68	61
		6,0	VC	1,12	223	168	134	112	96	84	74	67
	8MS03C	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	XC	1,39	277	208	166	139	119	104	92	83
		5,0	VC	1,55	310	232	186	155	133	116	103	93
		6,0	VC	1,70	339	255	204	170	145	127	113	102
	8MS04C	2,0	XC	1,30	260	195	156	130	111	97	87	78
		3,0	XC	1,59	318	239	191	159	136	119	106	95
		4,0	VC	1,84	367	275	220	184	157	138	122	110
		5,0	VC	2,05	411	308	246	205	176	154	137	123
		6,0	VC	2,25	450	337	270	225	193	169	150	135
	8MS05C	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	VC	1,98	396	297	238	198	170	149	132	119
		4,0	C	2,29	457	343	274	229	196	171	152	137
		5,0	C	2,56	511	383	307	256	219	192	170	153
		6,0	C	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE

AIR-INJECTOR FLAT FAN NOZZLE

6MS01C, 6MS015C, 6MS02C,
6MS03C, 6MS04C, 6MS05C



6MS01C

- Very high wear resistance (made of top quality Japanese ceramics)
- Generates coarse and very coarse aerated droplets, ensuring very high drift resistance (up to 6 m/s)
- Flat fan spray angle of 110° ensures uniform coverage
- Quality certified by European Network for Testing of Agricultural Machines (ENTAM)
- Compact clog-proof design fits all standard nozzle holders
- Recommended pressure: 2-6 bar
- Meets ISO requirements for agricultural spraying systems
- Easy to clean with no danger of damaging the nozzle
- High durability of the nozzle body thanks to the top quality POM

Application: Plant protectants and growth regulators



Also available in bulk packaging,
25 pieces per pack.

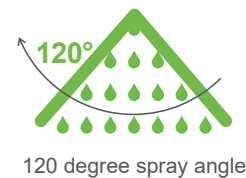


COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	6MS01C	2,0	XC	0,33	65	49	39	33	28	24	22	20
		3,0	XC	0,40	80	60	48	40	34	30	27	24
		4,0	XC	0,46	92	69	55	46	40	35	31	28
		5,0	VC	0,52	103	77	62	52	44	39	34	31
		6,0	VC	0,57	113	85	68	57	48	42	38	34
	6MS015C	2,0	XC	0,56	113	85	68	56	48	42	38	34
		3,0	VC	0,69	138	104	83	69	59	52	46	41
		4,0	VC	0,80	159	120	96	80	68	60	53	48
		5,0	VC	0,89	178	134	107	89	76	67	59	53
		6,0	VC	0,98	195	146	117	98	84	73	65	59
	6MS02C	2,0	XC	0,64	127	96	76	64	55	48	42	38
		3,0	XC	0,78	156	117	94	78	67	59	52	47
		4,0	XC	0,90	180	135	108	90	77	68	60	54
		5,0	VC	1,00	200	150	120	100	86	75	67	60
		6,0	VC	1,09	218	164	131	109	93	82	73	65
	6MS03C	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	VC	1,20	240	180	144	120	103	90	80	72
		4,0	VC	1,39	277	208	166	139	119	104	92	83
		5,0	VC	1,55	310	232	186	155	133	116	103	93
		6,0	VC	1,69	338	254	203	169	145	127	113	101
	6MS04C	2,0	XC	1,26	251	189	151	126	108	94	84	75
		3,0	VC	1,54	308	231	185	154	132	116	103	92
		4,0	VC	1,78	356	267	213	178	152	133	119	107
		5,0	C	1,99	398	298	239	199	170	149	133	119
		6,0	C	2,18	436	327	261	218	187	163	145	131
	6MS05C	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	XC	1,98	396	297	238	198	170	149	132	119
		4,0	VC	2,29	457	343	274	229	196	171	152	137
		5,0	VC	2,56	511	383	307	256	219	192	170	153
		6,0	C	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE

UNIVERSAL FLAT FAN NOZZLE

12002C, 12003C,
12004C, 12005C



PRO
Line



12002C

- High wear resistance and excellent operational parameters (top quality ceramics)
- Generates medium-sized droplets
- Drift resistance up to 2 m/s
- Flat fan spray angle of 120° ensures uniform coverage
- Fits all standard nozzle holders
- Recommended pressure: 2-5 bar
- Meets ISO requirements for agricultural spraying systems
- Easy to clean with no danger of damaging the nozzle
- High durability of the nozzle body thanks to the top quality POM

Application: Plant protectants and growth regulators



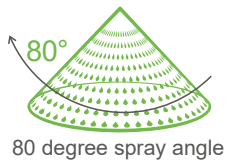
Also available in bulk packaging,
25 pieces per pack.



COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	12002C	2,0	F	0,65	129	97	77	65	55	48	43	39
		3,0	F	0,79	158	119	95	79	68	59	53	47
		4,0	F	0,91	182	137	109	91	78	68	61	55
		5,0	VF	1,00	200	150	120	100	86	75	67	60
		6,0	VF	1,09	218	164	131	109	93	82	73	65
	12003C	2,0	F	0,98	196	147	118	98	84	73	65	59
		3,0	F	1,20	240	180	144	120	103	90	80	72
		4,0	F	1,39	277	208	166	139	119	104	92	83
		5,0	F	1,55	310	232	186	155	133	116	103	93
		6,0	F	1,70	339	255	204	170	145	127	113	102
	12004C	2,0	M	1,30	260	195	156	130	111	97	87	78
		3,0	F	1,59	318	239	191	159	136	119	106	95
		4,0	F	1,84	367	275	220	184	157	138	122	110
		5,0	F	2,05	411	308	246	205	176	154	137	123
		6,0	F	2,25	450	337	270	225	193	169	150	135
	12005C	2,0	M	1,62	323	242	194	162	139	121	108	97
		3,0	M	1,98	396	297	238	198	170	149	132	119
		4,0	F	2,29	457	343	274	229	196	171	152	137
		5,0	F	2,56	511	383	307	256	219	192	170	153
		6,0	F	2,80	560	420	336	280	240	210	187	168

HOLLOW CONE NOZZLE

APS80R015C, APS80R02C,
APS80R025C, APS80R03C



- Spraying angle of 80° at 5 bar
- Fits all standard nozzle holders
- Hollow cone nozzle produces very fine droplets
- Meets ISO requirements for agricultural and horticultural spraying systems
- Pressure range: 5-20 bar
- Ideal for fungicide and insecticide treatments



Also available in bulk packaging,
25 pieces per pack.



APS80R015C

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS80R015C	5,0	0,77
		6,0	0,84
		7,0	0,91
		8,0	0,97
		9,0	1,03
		10,0	1,09
		11,0	1,14
		12,0	1,19
		13,0	1,24
		14,0	1,29
		15,0	1,33
		16,0	1,38
		17,0	1,42
		18,0	1,46
		19,0	1,50
		20,0	1,54

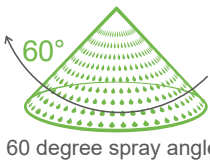
COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS80R02C	5,0	1,03
		6,0	1,13
		7,0	1,22
		8,0	1,30
		9,0	1,38
		10,0	1,46
		11,0	1,53
		12,0	1,60
		13,0	1,66
		14,0	1,72
		15,0	1,78
		16,0	1,84
		17,0	1,90
		18,0	1,95
		19,0	2,01
		20,0	2,06

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS80R025C	5,0	1,29
		6,0	1,41
		7,0	1,53
		8,0	1,63
		9,0	1,73
		10,0	1,82
		11,0	1,91
		12,0	2,00
		13,0	2,08
		14,0	2,16
		15,0	2,23
		16,0	2,31
		17,0	2,38
		18,0	2,45
		19,0	2,51
		20,0	2,58

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS80R03C	5,0	1,55
		6,0	1,70
		7,0	1,83
		8,0	1,96
		9,0	2,08
		10,0	2,19
		11,0	2,30
		12,0	2,40
		13,0	2,50
		14,0	2,59
		15,0	2,68
		16,0	2,77
		17,0	2,86
		18,0	2,94
		19,0	3,02
		20,0	3,10

HOLLOW CONE NOZZLE

APS60R015C, APS60R02C,
APS60R025C, APS60R03C



- Spraying angle of 60° at 5 bar
- Fits all standard nozzle holders
- Hollow cone nozzle produces very fine droplets
- Meets ISO requirements for agricultural and horticultural spraying systems
- Pressure range: 5-20 bar
- Ideal for fungicide and insecticide treatments



APS60R015C

 Also available in bulk packaging,
25 pieces per pack.

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS60R015C	5,0	0,77
		6,0	0,84
		7,0	0,91
		8,0	0,97
		9,0	1,03
		10,0	1,09
		11,0	1,14
		12,0	1,19
		13,0	1,24
		14,0	1,29
		15,0	1,33
		16,0	1,38
		17,0	1,42
		18,0	1,46
		19,0	1,50
		20,0	1,54

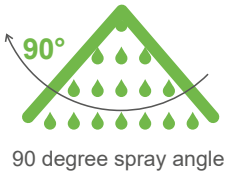
COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS60R02C	5,0	1,03
		6,0	1,13
		7,0	1,22
		8,0	1,30
		9,0	1,38
		10,0	1,46
		11,0	1,53
		12,0	1,60
		13,0	1,66
		14,0	1,72
		15,0	1,78
		16,0	1,84
		17,0	1,90
		18,0	1,95
		19,0	2,01
		20,0	2,06

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS60R025C	5,0	1,29
		6,0	1,41
		7,0	1,53
		8,0	1,63
		9,0	1,73
		10,0	1,82
		11,0	1,91
		12,0	2,00
		13,0	2,08
		14,0	2,16
		15,0	2,23
		16,0	2,31
		17,0	2,38
		18,0	2,45
		19,0	2,51
		20,0	2,58

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	APS60R03C	5,0	1,55
		6,0	1,70
		7,0	1,83
		8,0	1,96
		9,0	2,08
		10,0	2,19
		11,0	2,30
		12,0	2,40
		13,0	2,50
		14,0	2,59
		15,0	2,68
		16,0	2,77
		17,0	2,86
		18,0	2,94
		19,0	3,02
		20,0	3,10

AIR-INJECTOR FLAT FAN NOZZLE

S9002C, S9003C



- Made of top quality ceramics, offering extreme hardness and wear resistance (HRC~81)
- Flat fan pattern angle 90°
- Pressure 5-15 bar
- Generates coarse and very coarse droplets
- Application: Horticulture and other speciality crops

 Also available in bulk packaging, 25 pieces per pack.



S9002C

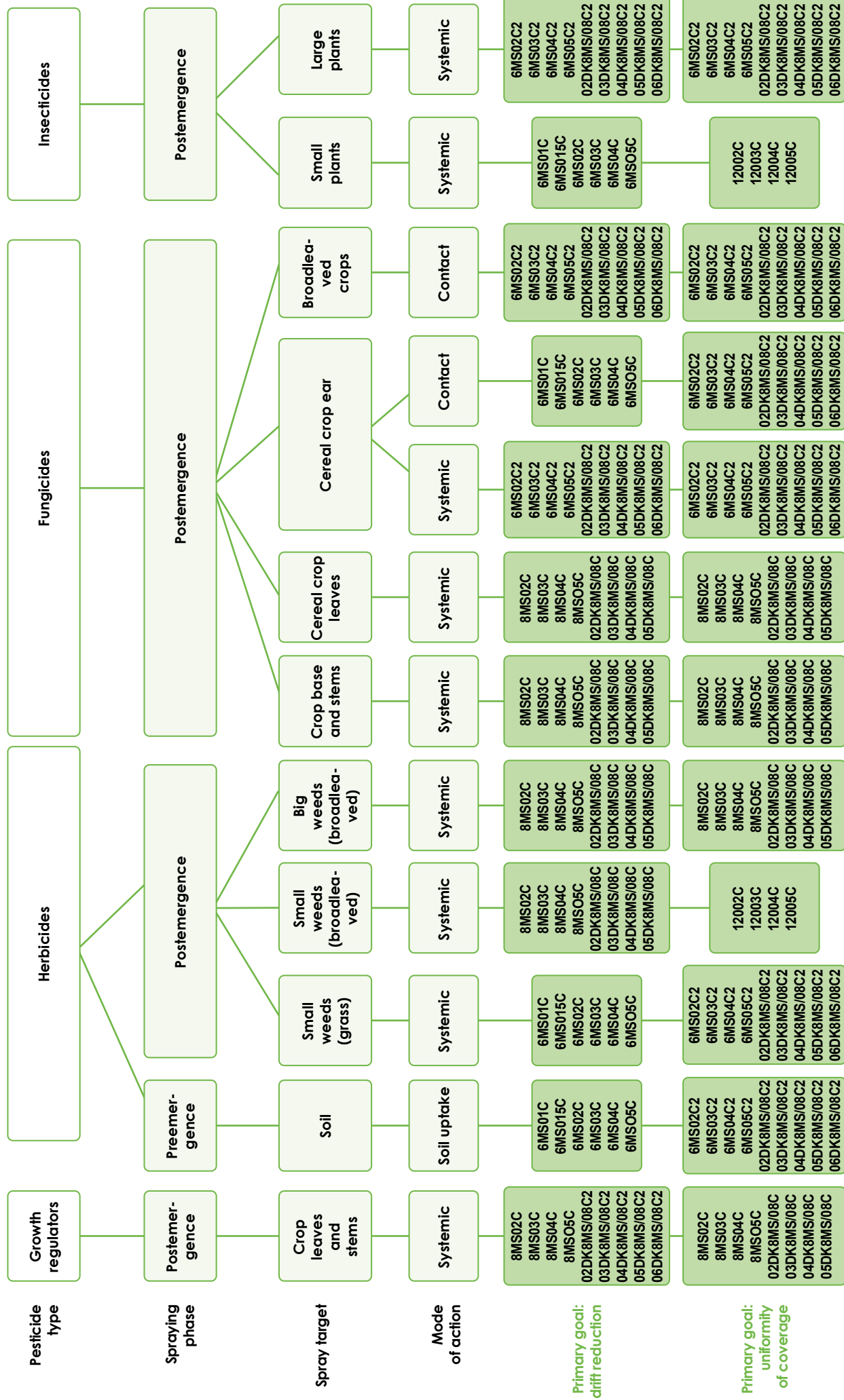


S9003C

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	S9002C	5,0	1,02
		6,0	1,12
		7,0	1,21
		8,0	1,29
		9,0	1,37
		10,0	1,44
		11,0	1,51
		12,0	1,58
		13,0	1,64
		14,0	1,71
		15,0	1,77

COLOUR	PRODUCT CODE		
		(bar)	(l/min)
	S9003C	5,0	1,55
		6,0	1,70
		7,0	1,83
		8,0	1,96
		9,0	2,08
		10,0	2,19
		11,0	2,30
		12,0	2,40
		13,0	2,50
		14,0	2,59
		15,0	2,68

CERAMIC NOZZLE SELECTION GUIDE



Primary goal:
drift reduction

Primary goal:
uniformity
of coverage

POM NOZZLES

In order to provide high durability and best coverage, all our POM nozzles are made of highest quality materials, delivered by carefully selected suppliers. Before introducing into the market, all Agroplast nozzles undergo a strict quality control, to eliminate the risk of any potential faults of the product. Furthermore, the dual stream air-injection nozzles have been reinforced with non-organic molecules that extend the nozzle's life cycle by four times (the reserach carried out under the ASAE S471 DEC95 norm - „Procedure for Measuring Sprayer Nozzle Wear Rate”). Agroplast's POM nozzles are well recognized across Europe thanks to their exceptional quality and affordable price.

PRODUCT NAME		8MS110P2	6MSP2	AP1108MS
NOZZLE				
SPRAY PATTERN				
PRESSURE RANGE (BAR)		2-6	2-6	2-6
DRIFT POTENTIAL		Very low	Very low	Very low
Herbicides	Soil incorporated treatment	++	++	++
	Pre-emerge	++	++	++
	Post-emerge (systemic)	++	++	++
	Post-emerge (contact)	++	++	+
Fungicides	Contact	++	++	+
	Systemic	++	++	++
Insecticides	Contact	++	++	+
	Systemic	++	++	++
Liquid fertilizer	Soil incorporated treatment	-	-	+

PRODUCT NAME		AP110	AP120	APRSM5
NOZZLE				
SPRAY PATTERN				
PRESSURE RANGE (BAR)		2-6	2-6	2-6
DRIFT POTENTIAL		low	low	Extremely low
Herbicides	Soil incorporated treatment	++	++	-
	Pre-emerge	++	++	-
	Post-emerge (systemic)	++	++	-
	Post-emerge (contact)	+	+	-
Fungicides	Contact	+	+	-
	Systemic	++	++	-
Insecticides	Contact	+	+	-
	Systemic	++	++	-
Liquid fertilizer	Soil incorporated treatment	-	-	++

DUAL SPRAY AIR-INJECTOR NOZZLE

8MS11002P2, 8MS110025P2, 8MS11003P2,
8MS11004P2, 8MS11005P2



8MS11002P2

Proudly presenting the newest type of nozzle within Agroplast's offering - Dual spray air-injector nozzle with a pink insert. This new, groundbreaking technology of two-piece construction of the nozzle, comprising of the body and a special POM-made insert specially reinforced with on-organic molecules, enables to increase the nozzle's wear resistance over four times, maintaining the top quality of spraying parameters. This new, innovative line of reinforced nozzles is a perfect solution for farmers with medium-size acreage, for whom standard POM nozzles aren't enough durable and wear out too fast.

- Innovative 2-piece construction with a pink insert, specially reinforced with non-organic molecules increases the wear resistance of the nozzle over four times
- Dual stream of liquid enables uniform coverage and precision of spray
- Generates coarse and very coarse, air-injected droplets
- Fits all standard nozzle holders
- Meets ISO requirements for agricultural spray nozzles
- Usage of 90 mesh strainers is recommended with the nozzle
- Perfect solution for fungicide and insecticide spray

PERFECT SOLUTION FOR FUNGICIDE
AND INSECTICIDE SPRAY



Also available in bulk packaging,
25 pieces per pack.

COLOUR	PRODUCT CODE				NOZZLE SPACING – 50 CM							
		(bar)		(l/min)	Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	8MS11002P2	2,0	XC	0,65	129	97	77	65	55	48	43	39
		3,0	XC	0,79	158	119	95	79	68	59	53	47
		4,0	XC	0,91	182	137	109	91	78	68	61	55
		5,0	XC	1,02	204	153	122	102	87	76	68	61
		6,0	VC	1,12	223	168	134	112	96	84	74	67
	8MS110025P2	2,0	XC	0,81	162	121	97	81	69	61	54	48
		3,0	XC	0,99	198	149	119	99	85	74	66	59
		4,0	XC	1,14	229	171	137	114	98	86	76	69
		5,0	XC	1,28	256	192	153	128	110	96	85	77
		6,0	VC	1,40	280	210	168	140	120	105	93	84
	8MS11003P2	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	VC	1,39	277	208	166	139	119	104	92	83
		5,0	M	1,55	310	232	186	155	133	116	103	93
		6,0	C	1,70	339	255	204	170	145	127	113	102
	8MS11004P2	2,0	VC	1,30	260	195	156	130	111	97	87	78
		3,0	M	1,59	318	239	191	159	136	119	106	95
		4,0	M	1,84	367	275	220	184	157	138	122	110
		5,0	VC	2,05	411	308	246	205	176	154	137	123
		6,0	M	2,25	450	337	270	225	193	169	150	135
	8MS11005P2	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	XC	1,98	396	297	238	198	170	149	132	119
		4,0	XC	2,29	457	343	274	229	196	171	152	137
		5,0	VC	2,56	511	383	307	256	219	192	170	153
		6,0	VC	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE; M - MEDIUM

DUAL SPRAY AIR-INJECTOR NOZZLE

6MS02P2, 6MS03P2,
6MS04P2, 6MS05P2



6MS03P2

Proudly presenting the newest type of nozzle within Agroplast's offering - Dual spray air-injector nozzle with a pink insert. This new, groundbreaking technology of twopiece construction of the nozzle, comprising of the body and a special POM-made insert specially reinforced with non-organic molecules, enables to increase the nozzle's wear resistance over four times, maintaining the top quality of spraying parameters. This new, innovative line of reinforced nozzles is a perfect solution for farmers with medium-size acreage, for whom standard POM nozzles aren't enough durable and wear out too fast.

- Innovative 2-piece construction with a pink insert, specially reinforced with non-organic molecules increases the wear resistance of the nozzle over four times
- Dual stream of liquid enables uniform coverage and precision of spray
- Generates coarse and very coarse, air-injected droplets
- Fits all standard nozzle holders
- Meets ISO requirements for agricultural spray nozzles
- Usage of 90 mesh strainers is recommended with the nozzle
- Perfect solution for fungicide and insecticide spray



Also available in bulk packaging,
25 pieces per pack.

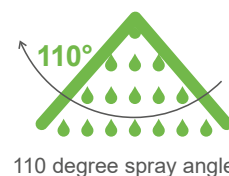


COLOUR	PRODUCT CODE	 (bar)		 (l/min)	NOZZLE SPACING – 50 CM Litres / hectare							
					6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	6MS02P2	2,0	XC	0,64	127	96	76	64	55	48	42	38
		3,0	XC	0,78	156	117	94	78	67	59	52	47
		4,0	XC	0,90	180	135	108	90	77	68	60	54
		5,0	VC	1,01	201	151	121	101	86	76	67	60
		6,0	VC	1,10	221	165	132	110	95	83	74	66
	6MS03P2	2,0	XC	0,98	196	147	118	98	84	74	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	C	1,38	276	207	166	138	118	104	92	83
		5,0	M	1,53	306	230	184	153	131	115	102	92
		6,0	C	1,67	334	251	200	167	143	125	111	100
	6MS04P2	2,0	VC	1,26	251	189	151	126	108	94	84	75
		3,0	VC	1,54	308	231	185	154	132	116	103	92
		4,0	VC	1,78	356	267	213	178	152	133	119	107
		5,0	C	1,99	398	298	239	199	170	149	133	119
		6,0	M	2,18	436	327	261	218	187	163	145	131
	6MS05P2	2,0	VC	1,62	323	242	194	162	139	121	108	97
		3,0	VC	1,98	396	297	238	198	170	149	132	119
		4,0	C	2,29	457	343	274	229	196	171	152	137
		5,0	C	2,56	511	383	307	256	219	192	170	153
		6,0	M	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE; M - MEDIUM

AIR-INJECTOR ANTI DRIFT NOZZLE

AP011108MS, AP0151108MS, AP021108MS,
AP031108MS, AP041108MS, AP051108MS



AP031108MS

- Generates coarse and very coarse aerated droplets, ensuring very high drift resistance (wind speed up to 8 m/s)
- Top quality materials, from carefully selected suppliers
- Made of reinforced POM with improved wear out rate by over four times
- Strict process of quality testing
- Fit all standard nozzle holders (available in different sizes)
- Very high precision guarantees uniformity of coverage, accurate dosing and the quality of spray

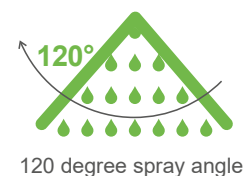
Application: Plant protectants and growth regulators

COLOUR	PRODUCT CODE				NOZZLE SPACING – 50 CM Litres / hectare							
		(bar)		(l/min)	6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	AP011108MS	2,0	XC	0,33	65	49	39	33	28	24	22	20
		3,0	XC	0,40	80	60	48	40	34	30	27	24
		4,0	XC	0,46	92	69	55	46	40	35	31	28
		5,0	VC	0,52	103	77	62	52	44	39	34	31
		6,0	VC	0,57	113	85	68	57	48	42	38	34
	AP0151108MS	2,0	XC	0,56	113	85	68	56	48	42	38	34
		3,0	VC	0,69	138	104	83	69	59	52	46	41
		4,0	VC	0,80	159	120	96	80	68	60	53	48
		5,0	VC	0,89	178	134	107	89	76	67	59	53
		6,0	VC	0,98	195	146	117	98	84	73	65	59
	AP021108MS	2,0	XC	0,65	129	97	77	65	55	48	43	39
		3,0	XC	0,79	158	119	95	79	68	59	53	47
		4,0	XC	0,91	182	137	109	91	78	68	61	55
		5,0	VC	1,00	200	150	120	100	86	75	67	60
		6,0	VC	1,09	218	164	131	109	93	82	73	65
	AP031108MS	2,0	XC	0,98	196	147	118	98	84	73	65	59
		3,0	XC	1,20	240	180	144	120	103	90	80	72
		4,0	XC	1,39	277	208	166	139	119	104	92	83
		5,0	VC	1,55	310	232	186	155	133	116	103	93
		6,0	VC	1,70	339	255	204	170	145	127	113	102
	AP041108MS	2,0	XC	1,30	260	195	156	130	111	97	87	78
		3,0	XC	1,59	318	239	191	159	136	119	106	95
		4,0	XC	1,84	367	275	220	184	157	138	122	110
		5,0	VC	2,05	411	308	246	205	176	154	137	123
		6,0	VC	2,25	450	337	270	225	193	169	150	135
	AP051108MS	2,0	XC	1,62	323	242	194	162	139	121	108	97
		3,0	XC	1,98	396	297	238	198	170	149	132	119
		4,0	XC	2,29	457	343	274	229	196	171	152	137
		5,0	VC	2,56	511	383	307	256	219	192	170	153
		6,0	VC	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE

UNIVERSAL FLAT FAN NOZZLE

AP12002, AP12003,
AP12004, AP12005



- Flat fan spray angle of 120° ensures the uniformity and precision of coverage
- Made of top quality, reinforced POM with extended life cycle by over 4 times
- Recommended for the wind speed up to 2 m/s
- Generates fine and medium size droplets
- Undergoes strict quality assessment
- Fits all standard nozzle holders
- Suitable for all types of applications



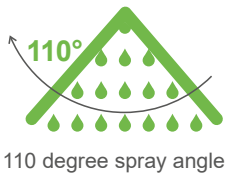
AP12003

COLOUR	KOD PRODUKTU				NOZZLE SPACING – 50 CM Litres / hectare							
		(bar)		(l/min)	6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	AP12002	2,0	F	0,65	129	97	77	65	55	48	43	39
		3,0	F	0,79	158	119	95	79	68	59	53	47
		4,0	F	0,91	182	137	109	91	78	68	61	55
		5,0	VF	1,00	200	150	120	100	86	75	67	60
		6,0	VF	1,09	218	164	131	109	93	82	73	65
	AP12003	2,0	F	0,98	196	147	118	98	84	73	65	59
		3,0	F	1,20	240	180	144	120	103	90	80	72
		4,0	F	1,39	277	208	166	139	119	104	92	83
		5,0	F	1,55	310	232	186	155	133	116	103	93
		6,0	F	1,70	339	255	204	170	145	127	113	102
	AP12004	2,0	M	1,30	260	195	156	130	111	97	87	78
		3,0	F	1,59	318	239	191	159	136	119	106	95
		4,0	F	1,84	367	275	220	184	157	138	122	110
		5,0	F	2,05	411	308	246	205	176	154	137	123
		6,0	F	2,25	450	337	270	225	193	169	150	135
	AP12005	2,0	M	1,62	323	242	194	162	139	121	108	97
		3,0	M	1,98	396	297	238	198	170	149	132	119
		4,0	F	2,29	457	343	274	229	196	171	152	137
		5,0	F	2,56	511	383	307	256	219	192	170	153
		6,0	F	2,80	560	420	336	280	240	210	187	168

XC - EXTREMELY COARSE; VC - VERY COARSE; C - COARSE; M - MEDIUM; F - FINE; VF - VERY FINE

FLAT FAN NOZZLE

AP02110, AP03110, AP04110



- Made of top quality materials
- Generates fine and medium size droplets
- Recommended use at the wind speed up to 2 m/s
- Undergoes strict quality assessment
- Fits all standard nozzle holders
- High precision of the nozzle guarantees accurate dose and uniformity of coverage
- Suitable for all types of applications

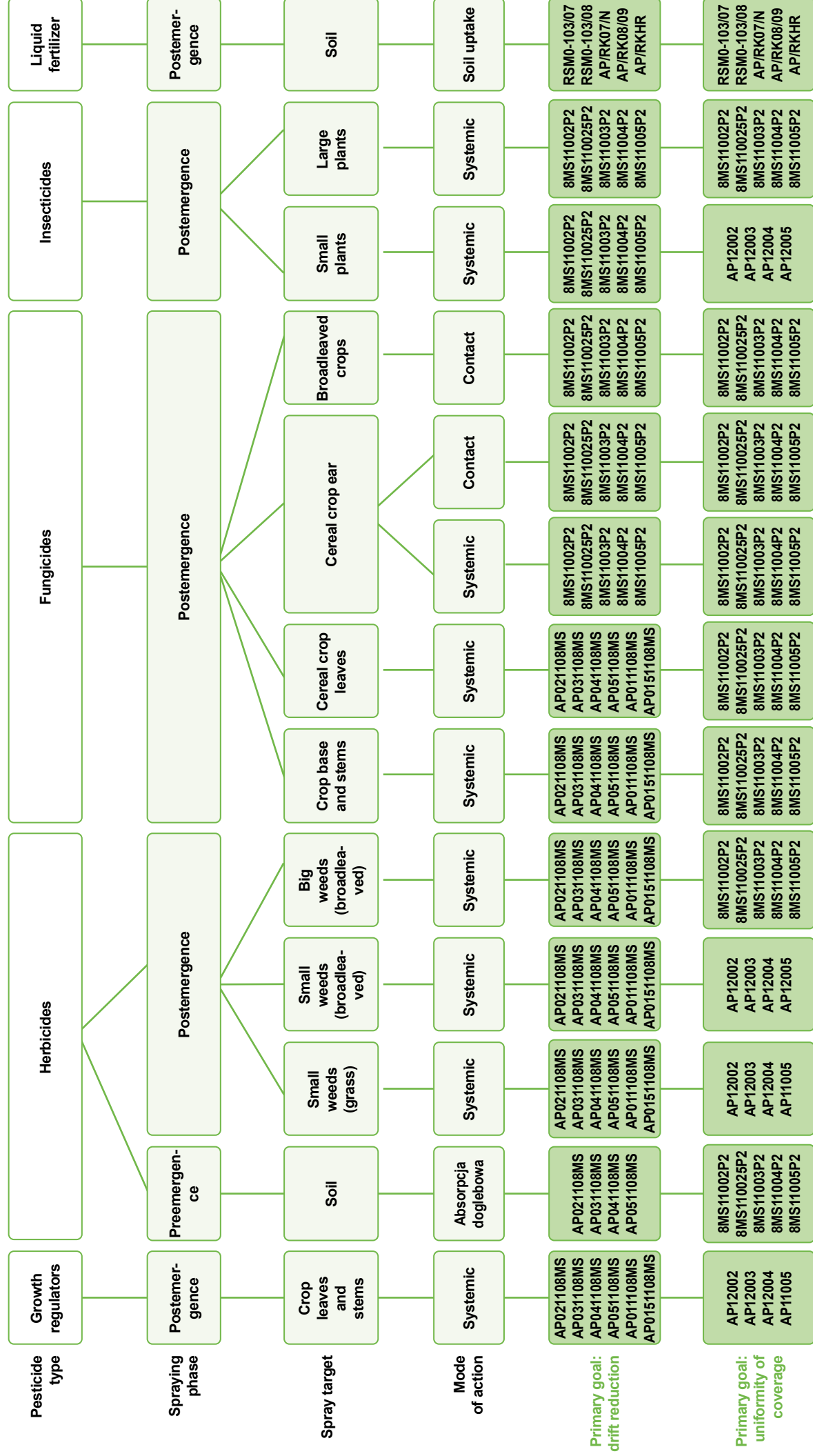


AP02110

COLOUR	PRODUCT CODE				NOZZLE SPACING – 50 CM							
		(bar)		(l/min)	6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
	AP02110	2,0	F	0,64	127	96	76	64	55	48	42	38
		3,0	F	0,78	156	117	94	78	67	59	52	47
		4,0	F	0,90	180	135	108	90	77	68	60	54
		5,0	F	1,01	201	151	121	101	86	76	67	60
		6,0	F	1,10	221	165	132	110	95	83	74	66
	AP03110	2,0	F	0,98	196	147	118	98	84	73	65	59
		3,0	F	1,20	240	180	144	120	103	90	80	72
		4,0	F	1,39	277	208	166	139	119	104	92	83
		5,0	F	1,55	310	232	186	155	133	116	103	93
		6,0	F	1,70	339	255	204	170	145	127	113	102
	AP04110	2,0	M	1,29	258	194	155	129	111	97	86	77
		3,0	F	1,58	316	237	190	158	135	119	105	95
		4,0	F	1,82	365	274	219	182	156	137	122	109
		5,0	F	2,04	408	306	245	204	175	153	136	122
		6,0	F	2,23	447	335	268	223	192	168	149	134
	AP05110	2,0	M	1,62	323	242	194	162	139	121	108	97
		3,0	M	1,98	396	297	238	198	170	149	132	119
		4,0	F	2,29	457	343	274	229	196	171	152	137
		5,0	F	2,56	511	383	307	256	219	192	170	153
		6,0	F	2,80	560	420	336	280	240	210	187	168

M - MEDIUM; F - FINE

100%



BAYONET CAP S AND ACCESSORIES

BAYONET CAPS FOR AGROPLAST AND NON-AGROPLAST SYSTEMS

A wide range of Agroplast's bayonet caps fits most popular systems around the world and can be used for all common applications. All the caps perfectly fit compatible Agroplast products as well as those of other producers. Our bayonet caps are made of top quality POM, supplied by carefully selected providers to ensure the highest quality standards that we offer to our customers.

CAP	PRODUCT CODE	SYSTEM	FOR USE WITH NOZZLES
	226761	RAU (SW8/SW10)	  Air-induction ceramic flat fan nozzle 6MSC Dual spray Air-Injector ceramic nozzle 6MSC2 Universal flat fan nozzle 120C
	226778	ARAG (SW8/SW10)	   Air-injector anti drift nozzle 1108MS Universal flat fan nozzle AP120 Dual spray air-injector nozzle 8MS110P2 Dual spray air-injector nozzle 6MSP2 Air-injector flat fan nozzle 8MSC
	222176 224743 224729 224736	RAU (SW8)	   Air-induction ceramic flat fan nozzle 6MSC Universal flat fan nozzle 120C Air-injector anti drift nozzle 1108MS Flat fan nozzle 110
	224927 224699 222060 220448	ARAG (SW8)	  Dual spray air-injector nozzle 8MSP2 Universal flat fan nozzle AP120 Dual spray air-injector nozzle 6MSP2
	225078	HARDI (SW8/SW10)	          Air-induction ceramic flat fan nozzle 6MSC Air-injector flat fan nozzle 8MSC Air-injector flat fan nozzle S90 Air-injector anti drift nozzle 1108MS Dual spray air-injector nozzle 8MS110P2 Dual spray air-injector nozzle 6MSP2 Dual spray air-injector nozzle 8MSP2 Universal flat fan nozzle AP 110 Dual spray air-injector nozzle 8MSP2 Universal flat fan nozzle AP120 Liquid fertilizer 5-hole nozzle APRSM5
	220080	RAU (SW10)	 Air-injector flat fan nozzle S90
	220479	ARAG (SW10)	 Liquid fertilizer 5-hole nozzle APRSM5
	220073	RAU (SW11)	 Hollow-cone ceramic nozzle APS80R
	220462	ARAG (SW11)	 Disc + Swirl plate set
	221957	RAU	Other speciality nozzles
	220455	ARAG	
	220226	Universal	 Used with bayonet caps 220073  Used with bayonet caps 220462
	Size 1.0: 222138 Size 1.5: 222145	Universal	 Used with bayonet caps 220073, 220462 and nuts 220714, 220721. Available in sizes: 1.0, 1.5
	226402	RAU	Blind bayonet cap 07
	226419	ARAG	Blind bayonet cap 08

BOOM PARTS AND COMPONENTS

Introducing our new line of industry-leading nozzle holders to fully address the needs of all types of farmers – those with small areas as well as those with large ones. A number of innovations that we've introduced to our holders make them unique in terms of both quality and usability in various conditions. The world class technology that we've developed over the last 30 years, combined with top quality materials, make all our nozzle holders highly durable and 100% liquid fertilizer proof.

Our new range of holders comes in all size-standards, commonly used worldwide. The quality of our nozzle holder line has been long recognized in Poland and Central and Eastern Europe, where the vast share of sprayer producers use our products for the first assembly of their machines.

HEAVY DUTY 5-WAY NOZZLE HOLDER

PRO
Line



- Guarantees perfect uniformity of spray coverage due to the new, innovative positioning mechanism
- Equipped with a diaphragm and sealing system made of **Verdesil** - highly advanced silicone-based material with enhanced shape memory, assuring longlasting and trouble-free operation of the nozzle holder
- Extremely high impact resistance due to the use of specially reinforced copolymer in the holder's body

A research carried out in 2016 by the Agricultural University of Lublin unequivocally indicated that the common deficiencies in multi jet nozzle holders construction affect the main spraying parameters i.e. flow rate and uniformity of coverage (CV%). Specifically, these parameters are affected by the loose positioning mechanism, resulting in uncontrolled tilt of the holder and fast wear out of the sealing elements (cut-off valve diaphragm and bayonet cap sealing).

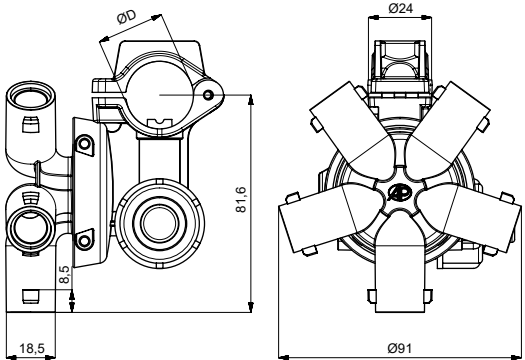
Our innovative, 5-Way HD Nozzle Holder directly addresses these issues. Preceded by a 2-years long research and development proces, its special construction of the positioning mechanism guarantees a high precision and perfect vertical position of a nozzle in the holder. The use of Verdesil - a highly advanced, silicone-based material in all the sealing elements ensures the best airtightness and longlasting operation of the holder, eliminating the vulcanisation effect of the material.

HEAVY DUTY 5-WAY NOZZLE HOLDER

THE 5-WAY HD NOZZLE HOLDER TAKES ADVANTAGE OF WELL-PROVEN SOLUTIONS USED IN OUR HIGHLY POPULAR 3-WAY NOZZLE HOLDERS:

- Quintuple-oring cleansing mechanism, ensures a durable and trouble-free operation of the holder
- The sealing o-ring made of **Verdesil** guarantees a perfect and longlasting airtightness of the system
- Eyelet connector option comes in 4 different sizes: Ø20, Ø22, Ø25 and 1/2" to fit most booms in the market
- Compatible with most standard bayonet caps and nozzles



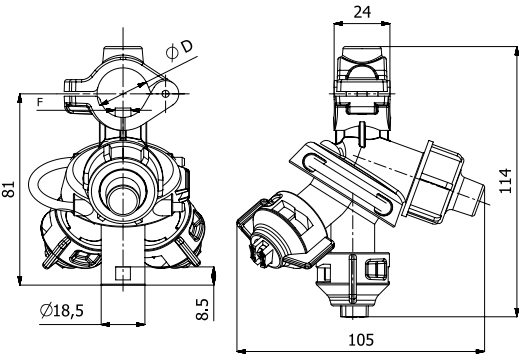
HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR	DIAMETER
		D1/2" F7: 227348 D1/2" F10: 227331 D20 F10: 226846 D22 F10: 226853 D25 F10: 226860	Arag	Eyelet	Ø1/2" Ø20 Ø22 Ø25

PROLINE 3-WAY NOZZLE HOLDER



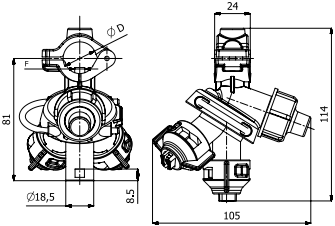
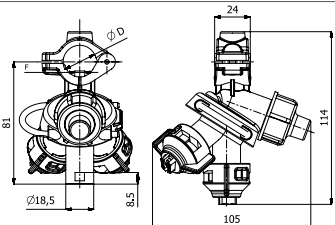
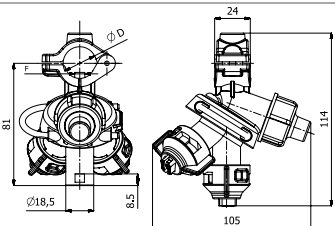
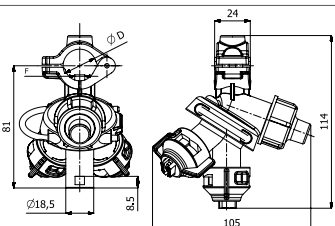
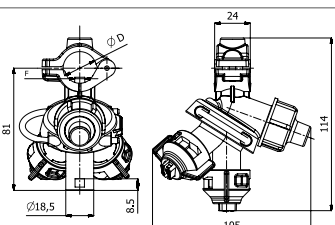
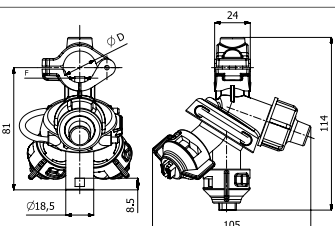
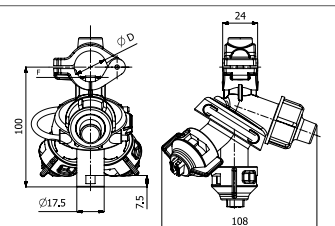
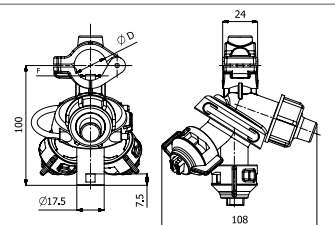
We proudly present our new 3-way PROLINE nozzle holder - a result of a months-long effort of our R&D department. We've developed and introduced a number of innovative solutions in terms of the construction and materials and therefore we believe that this is one of the best 3-way nozzle holders currently available on the market. Furthermore, our nozzle holders come fully equipped with nozzles (including one flat fan ceramic nozzle), strainers, seals and bayonet caps. Most importantly - these complete nozzle holders come at highly competitive prices

- Innovative design of the positioning mechanism, with a distinctive „click” guarantees a precise allignment of the nozzle holder, eliminating the risk of uneven cross distribution, caused by accidental tilt of the holder
- Tripple-oring cleansing mechanism ensures long-lasting and fault-free operation
- Introducing silicone as a material for o-rings provides a perfect watertightness and extremely high durability
- Using a specially reinforced copolymers for the nozzle holder's body increases its impact resitance by over 40%
- Comes fully equipped with strainers, seals, bayonet caps and nozzles (including 1 flat fan ceramic nozzle) as standard
- Fits all standard bayonet caps and nozzles

HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		D1/2" F10: 228773 D20 F7: 227362 D20 F10: 227379 D22 F10: 227416	ARAG	Eyelet

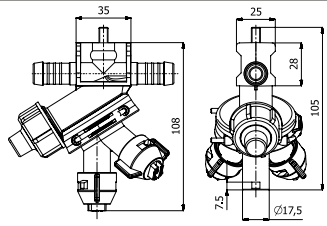
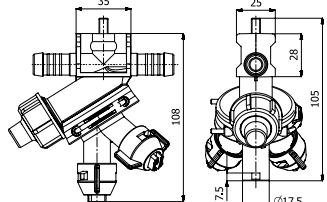
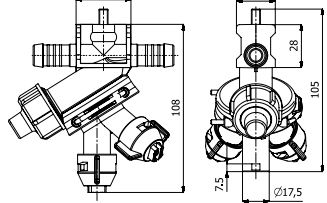
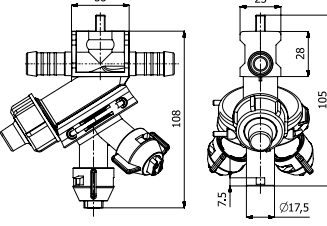
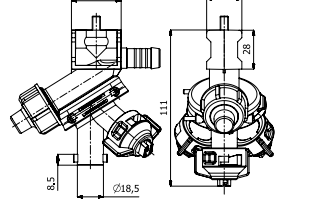
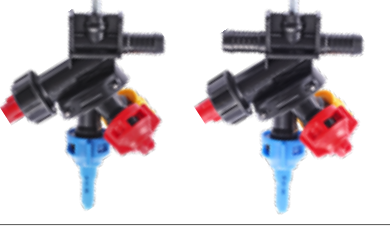
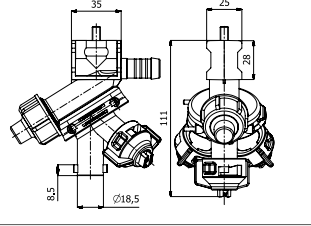
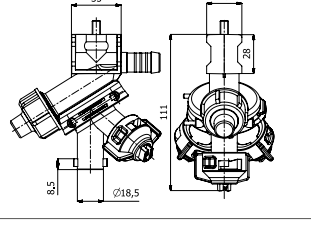
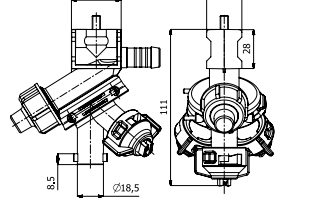
PROLINE 3-WAY NOZZLE HOLDER



HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		D20 F7: 223098 D20 F10: 226686 D22 F7: 226709 D22 F10: 224835 D25 F10: 226693	ARAG	Eyelet
		D1½" F7: 227157 D1½" F10: 227140	ARAG	Eyelet
		D20 F7: 227119 D20 F10: 227126 D22 F10: 227133 D25 F10: 227942	ARAG	Eyelet
		D1/2" F7: 227485	ARAG	Eyelet
		D20 F7: 227386 D20 F10: 227409 D22 F7: 227430 D22 F10: 227447 D25 F10: 227461	ARAG	Eyelet
		D1/2" F7: 227492 D1/2" F10: 227508	ARAG	Eyelet
		D20 F7: 222121 D22 F7: 222206 D25 F10: 222107 D32 F10: 224453	RAU	Eyelet
		D20 F7: 227393 D22 F7: 227423 D25 F10: 227454 D32 F10: 227478	RAU	Eyelet

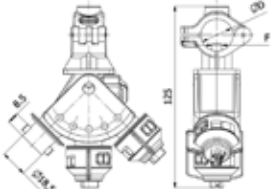
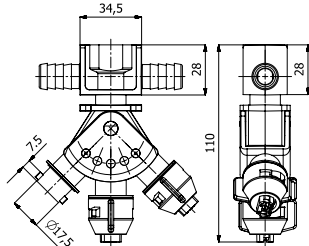
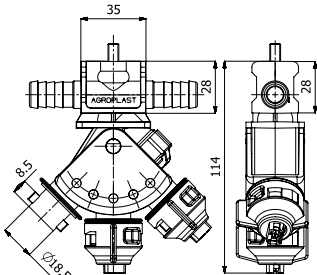
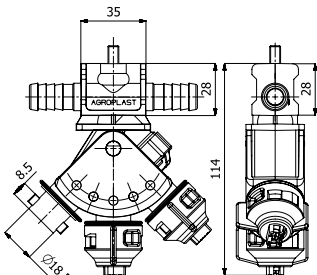
PROLINE 3-WAY NOZZLE HOLDER



HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		226167	RAU	Single-hose
		226174	RAU	Two-hose
		221919	RAU	Single-hose
		220059	RAU	Two-hose
		227522	RAU	Single-hose
		227546	RAU	Two-hose
		227515	RAU	Single-hose
		227539	RAU	Two-hose
		225160	ARAG	Single-hose
		225153	ARAG	Two-hose
		227553	ARAG	Single-hose
		227577	ARAG	Two-hose
		226181	ARAG	Single-hose
		226198	ARAG	Two-hose
		227560	ARAG	Single-hose
		227584	ARAG	Two-hose

Introducing our in-house invented and designed 3-way pendulum nozzle holder – a perfect solution for smaller sprayers with simplified boom construction (no-truss booms).

- 36

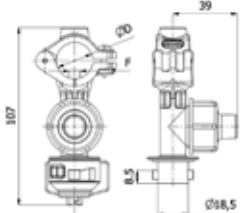
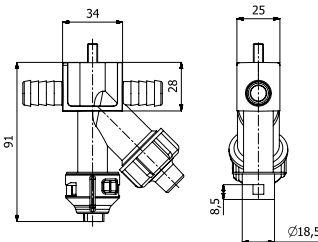
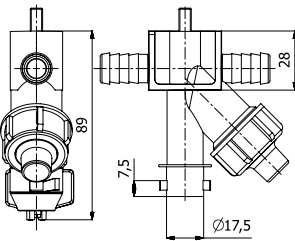
HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		D20 F7: 224910 D22 F7: 224460 D25 F10: 224262 D32 F10: 224477	ARAG	Eyelet
		220042	RAU	Single-hose
		220035	RAU	Two-hose
		222275	ARAG	Single-hose
		222244	ARAG	Two-hose
		226242	ARAG	Single-hose
		226259	ARAG	Two-hose

PROLINE SINGLE NOZZLE HOLDER WITH A CHECK VALVE



PROLINE single nozzle holders are made of specially reinforced copolymers that significantly improve their durability and impact resistance. We've also developed several improvements in the nozzle holders construction to improve their usability, and therefore we are fully confident that our PROLINE single nozzle holders will meet the expectations of even most demanding farmers.

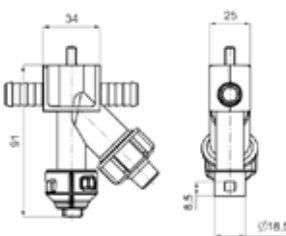
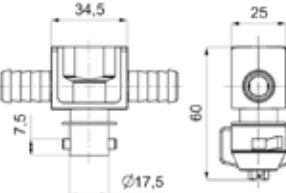
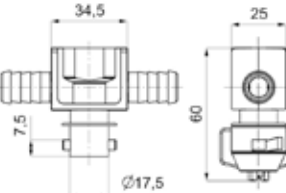
- Using special, reinforced copolymers guarantees 40% higher impact resistance
- Introducing silicone-made o-rings provides a perfect watertightness and extremely high durability
- Improved construction of the check valve ensures precise liquid cut-off
- Embedded screw in the hose-connector type of the nozzle holder enables easy assembling
- Eyelet connection available in 4 sizes: Ø20, Ø22, Ø25, Ø32, Ø40
- Fits all standard nozzles and bayonet caps

HOLDER	DIMENSIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		D20 F7: 222022 D22 F7: 222039 D25 F10: 222169 D32 F10: 224279 D40 F13: 224484	Arag	Eyelet
		225658	Arag	Single-hose
		225665	Arag	Two-hose
		220387	RAU	Single-hose
		220370	RAU	Two-hose

SINGLE NOZZLE HOLDER WITH DIAPHRAGM CUT-OFF VALVE

Special construction with a diaphragm cut-off valve makes the holder 100% leak-proof

- Easy adjustments of the boom – ready access to the cutoff
- valve enables quick control of its operation in the field
- Top quality materials and the construction technology
- guarantee full immunity to all sorts of liquid fertilizers
- Eyelet connector option comes in 4 different sizes: Ø20, Ø22, Ø25 and Ø32 to fit most standard booms
- Suitable for all standard bayonet caps and nozzles

HOLDER	DIMENIONS	PRODUCT CODE	SYSTEM	CONNECTOR
		220400	Arag	Single-hose
		220394	Arag	Two-hose
		220424	RAU	Single-hose
		220417	RAU	Two-hose
		225900	RAU	Single-hose
		225917	RAU	Two-hose

CONNECTORS

CONNECTOR PIPES ORCHARD FIXTURES



Two-hose nozzle body
220585



Single-hose nozzle body
220592



Two-hose nozzle body (plain)
220110



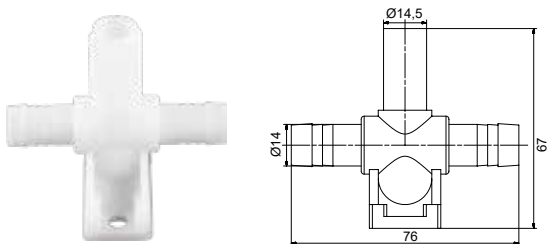
Single-hose nozzle body (plain)
225689



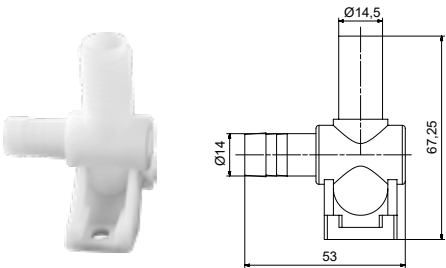
Two-hose connection pipe S1/R/P
220622



Single-hose connection pipe S1/R/K
220639



Two-hose connection pipe
220660



Single-hose connection pipe
220653



Complete shaft's elbow with a shut-off valve
220677

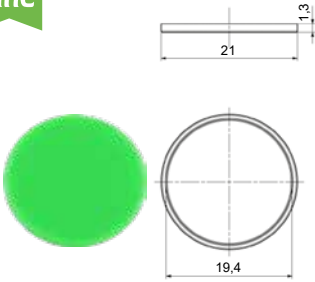


Shaft's elbow with a shut-off valve
220684

- The diaphragm shut-off valve ensures the tightness of the system after the liquid is shut off
- Easy access to the shut-off valve on the side of the body makes it easy to use in the field

PARTS AND ACCESSORIES

PRO
Line



Silicone diaphragm
PROLINE
227164



Cut-off valve
220288



Valve fastening cap
220301

Application:



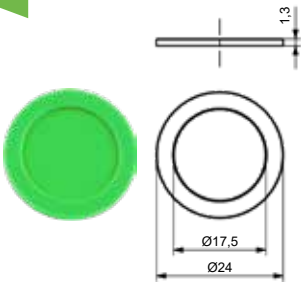
220042

220035

220424

220417

PRO
Line



Silicone diaphragm
PROLINE
227089



Cut-off valve
220271



Valve fastening cap
220295

Application:



D40 F13: 224484

220400

220394

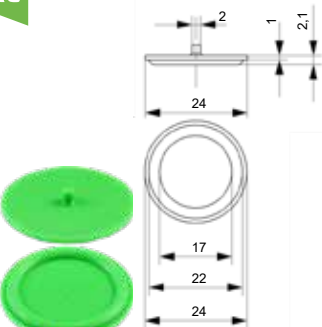
220677

220684

40

CATALOGUE OF PRODUCTS 2026

PRO
Line



Silicone diaphragm
PROLINE
226785



Cut-off valve
220103



Valve fastening cap
220134

Application:



D20 F10: 226846
D22 F10: 226853
D25 F10: 226860
D 1/2" F7: 227348
D 1/2" F10: 227331

221919

D20 F7: 222121
D22 F7: 222206
D25 F10: 222107
D32 F10: 224453

220059

225160



225153



D20 F7: 222022
D22 F7: 222039
D25 F10: 222169
D32 F10: 224279



225658



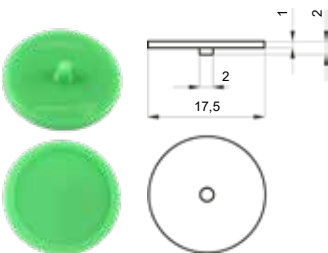
225665



220387



220370



Silicone diaphragm
PROLINE
227898



Cut-off valve
224934



Valve fastening cap
225146

Application:

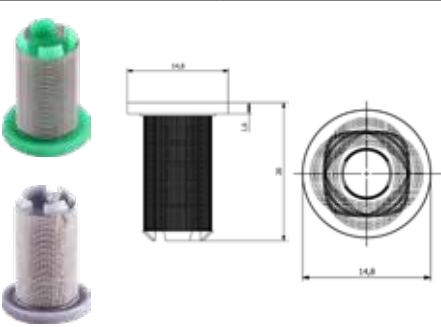
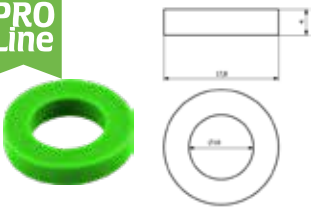
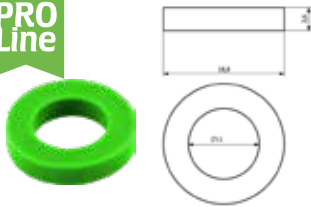
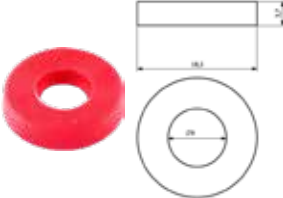
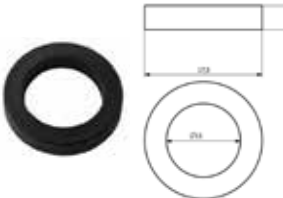
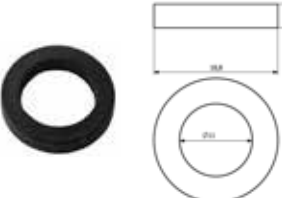
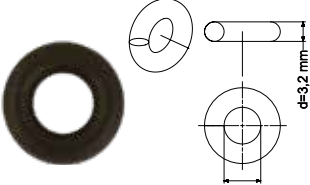


D20 F7: 224910
D22 F7: 224460
D25 F10: 224262
D32 F10: 224477

222275

222244

PARTS AND ACCESSORIES

  PROLINE Strainer ■ MESH 50: 226594 ■ MESH 80: 226600 ■ MESH 100: 226365 ■ MESH 120: 226372 (non-ISO) Matching products: • All PROLINE 3-way nozzle holders • All PROLINE single nozzle holders • All Pendulum nozzle holders • All Single nozzle holders		 Strainer ■ 220219 ■ 220363 Matching products: • All PROLINE 3-way nozzle holders • All PROLINE single nozzle holders • All Pendulum nozzle holders • All Single nozzle holders	 Strainer ■ 220219 ■ 220363 Matching products: • All PROLINE 3-way nozzle holders • All PROLINE single nozzle holders • All Pendulum nozzle holders • All Single nozzle holders
 Cut-off valve Steel: 220615 Polymer: 225214 Matching products: • All nozzle bodies without the cut-off valve	 Bayonet cap key 228741 Application: • For assembling and disassembling bayonet caps • For screwing and unscrewing the fastening caps for the cut-off valves	  PROLINE bayonet cap seal (silicone) 225535 Material: silicone Application: • As a seal in the AP0-103/07 bayonet cap	  PROLINE bayonet cap seal (silicone) 225542 Material: silicone Application: • As a seal in the AP0-103/08 bayonet cap
 Bayonet cap seal 220257 Application: • As a seal in RAU-system bayonet caps for flat fan nozzles	 Bayonet cap seal 220349 Material: elastomer Application: • As a seal in ARAG-system bayonet caps for flat fan nozzles	 Bayonet cap seal 220264 Material: elastomer Application: • As a seal in RAU-system bayonet caps for hollow cone nozzles	 Bayonet cap seal 220356 Material: elastomer Application: • As a seal in ARAG-system bayonet caps for hollow cone nozzles
 Pendulum holder O-ring 999989 Material: elastomer Diameters: D=6mm, d=3,2mm Application: • As a seal for pendulum nozzle holders	 Long nut M18 220714	 Nut M18/K Fastening screw 220721 Application: • Recommended for orchard sprayers due to extremely high endurance of the material	 Fastening screw 220493
 Housing clasp 220547 Designed to ensure steady mounting of the pendulum nozzle holders and single nozzle holders:		 Connection pipe clasp 220646	

LIQUID FERTILIZER SPRAY

Agroplast have always carefully listened to our customers to address their needs in the best possible way. This customer-focused approach allowed us to improve our products and introduce a number of innovations to our liquid fertilizer spray range. These improvements minimize the risk of damaging plants during spray and adjust the precision of fertilizer dosing to the plant routes, increasing the effectiveness of spray and crops as a result.

SEVEN HOLE FERTILIZER NOZZLE

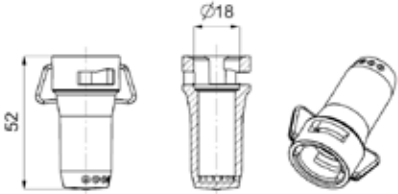
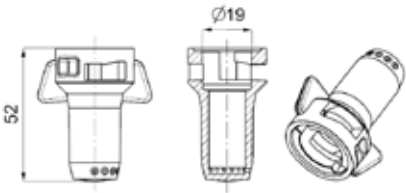
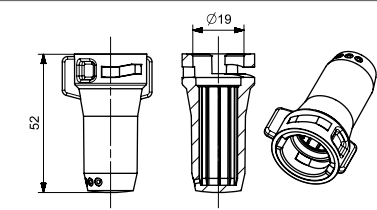
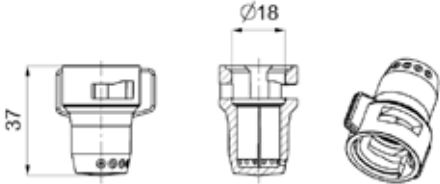
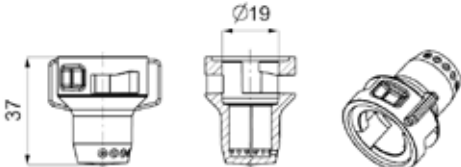


- Improves plant's safety thanks to very coarse droplet application
- Uniform distribution through 7-hole construction
- Fertilizer expenditure managed via dosing orifices
- Available in 2 system standards – RAU and Arag
- Made of top quality materials, 100% immune to fertilizers

LONG
RAU SYSTEM: **224576**
ARAG SYSTEM: **224569**
HARDI SYSTEM: **226044**



SHORT
RAU SYSTEM: **220097**
ARAG SYSTEM: **220332**

NOZZLE	DIMENIONS	PRODUCT CODE	SYSTEM	MATERIAL	DOSING ORIFICE
		224576	Rau	POM	RSM02C RSM03C RSM04C RSM05C RSM06C RSM08C RSM02P RSM03P RSM04P RSM05P RSM06P RSM08P 0.8 1.0 1.2 1.5 1.8 2.0 2.2 2.5
		224569	Arag		
		226044	Hardi		
		220097	RAU		
		220332	Arag		

FIVE HOLE FERTILIZER NOZZLE



- Generates very coarse droplets, which are much more drift-resistant so it reduces the risk of plant burn
- Enables excellent uniformity of coverage through appropriately developed flow rate and angles of the individual holes
- High durability thanks to the use of high quality POM
- Available in 6 sizes: from 02 to 08
- In the set is POM dosing orifice
- Compatible with standard SW8 cap
- Can be used with any type of sprayer boom
- Recommended boom height - 70 cm



Fertilizer nozzle
RSM 02



Fertilizer nozzle
RSM 03



Fertilizer nozzle
RSM 04



Fertilizer nozzle
RSM 05



Fertilizer nozzle
RSM 06



Fertilizer nozzle
RSM 08

44

Water expenditure*

FERTILIZER NOZZLE	(bar)	(l/min.)	Nozzle spacing – 50 cm Litres / hectare							
			6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
Fertilizer nozzle RSM 02	2,0	0,64	127	96	76	64	55	48	42	38
	3,0	0,78	156	117	94	78	67	59	52	47
	4,0	0,90	180	135	108	90	77	68	60	54
	5,0	1,01	201	151	121	101	86	76	67	60
	6,0	1,10	221	165	132	110	95	83	74	66
Fertilizer nozzle RSM 03	2,0	0,98	196	147	118	98	84	73	65	59
	3,0	1,20	240	180	144	120	103	90	80	72
	4,0	1,39	277	208	166	139	119	104	92	83
	5,0	1,55	310	232	186	155	133	116	103	93
	6,0	1,70	339	255	204	170	145	127	113	102
	2,0	1,26	251	189	151	126	108	94	84	75
	3,0	1,54	308	231	185	154	132	116	103	92
	4,0	1,78	356	267	213	178	152	133	119	107
Fertilizer nozzle RSM 04	5,0	1,99	398	298	239	199	170	149	133	119
	6,0	2,18	436	327	261	218	187	163	145	131
	2,0	1,62	323	242	194	162	139	121	108	97
	3,0	1,98	396	297	238	198	170	149	132	119
Fertilizer nozzle RSM 05	4,0	2,29	457	343	274	229	196	171	152	137
	5,0	2,56	511	383	307	256	219	192	170	153
	6,0	2,80	560	420	336	280	240	210	187	168
	2,0	1,96	392	294	235	196	168	147	131	118
Fertilizer nozzle RSM 06	3,0	2,40	480	360	288	240	206	180	160	144
	4,0	2,77	554	416	333	277	238	208	185	166
	5,0	3,10	620	465	372	310	266	232	207	186
	6,0	3,39	679	509	407	339	291	255	226	204
Fertilizer nozzle RSM 08	2,0	2,45	490	367	294	245	210	184	163	147
	3,0	3,00	600	450	360	300	257	225	200	180
	4,0	3,46	693	520	416	346	297	260	231	208
	5,0	3,87	775	581	465	387	332	290	258	232
	6,0	4,24	849	636	509	424	364	318	283	255

For condensation of 32% and 28%, different correction factors should be applied — 1.15 and 1.13, respectively. The flow rate for the 32% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.15. The flow rate for the 28% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.13.

CERAMIC DOSING ORIFICE

RSM02C, RSM03C, RSM04C,
RSM05C, RSM06C, RSM08C



RSM02C



RSM03C



RSM04C



RSM05C



RSM06C



RSM08C

Agroplast's ceramic dosing orifice is made of the purest ceramics, which increases their wear resistance by over 10 times, compared to the standard stainless steel orifices. Ceramic orifice guarantees accurate dosing and 100% immunity to liquid fertilizers, which makes them exceptionally durable i economic solution - ideal for those farmers, who pay attention to efficient resource management.

- Made of purest ceramics (HRC~81 by Rockwell scale), offers 10 times higher wear resistance than stainless steel
- Produced in the high-precision injection technology, guarantees highest accuracy of dosing
- Available in the ISO color scheme for easy configuration
- Used to control liquid expenditure in 7-hole fertilizer nozzles and hose drop systems

Water expenditure*

DOSING ORIFICE	(bar)	(l/min.)	Nozzle spacing – 50 cm Litres / hectare							
			6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
RSM02C	2,0	0,64	127	96	76	64	55	48	42	38
	3,0	0,78	156	117	94	78	67	59	52	47
	4,0	0,90	180	135	108	90	77	68	60	54
	5,0	1,01	201	151	121	101	86	76	67	60
	6,0	1,10	221	165	132	110	95	83	74	66
RSM03C	2,0	0,98	196	147	118	98	84	73	65	59
	3,0	1,20	240	180	144	120	103	90	80	72
	4,0	1,39	277	208	166	139	119	104	92	83
	5,0	1,55	310	232	186	155	133	116	103	93
	6,0	1,70	339	255	204	170	145	127	113	102
RSM04C	2,0	1,26	251	189	151	126	108	94	84	75
	3,0	1,54	308	231	185	154	132	116	103	92
	4,0	1,78	356	267	213	178	152	133	119	107
	5,0	1,99	398	298	239	199	170	149	133	119
	6,0	2,18	436	327	261	218	187	163	145	131
RSM05C	2,0	1,62	323	242	194	162	139	121	108	97
	3,0	1,98	396	297	238	198	170	149	132	119
	4,0	2,29	457	343	274	229	196	171	152	137
	5,0	2,56	511	383	307	256	219	192	170	153
	6,0	2,80	560	420	336	280	240	210	187	168
RSM06C	2,0	1,96	392	294	235	196	168	147	131	118
	3,0	2,40	480	360	288	240	206	180	160	144
	4,0	2,77	554	416	333	277	238	208	185	166
	5,0	3,10	620	465	372	310	266	232	207	186
	6,0	3,39	679	509	407	339	291	255	226	204
RSM08C	2,0	2,45	490	367	294	245	210	184	163	147
	3,0	3,00	600	450	360	300	257	225	200	180
	4,0	3,46	693	520	416	346	297	260	231	208
	5,0	3,87	775	581	465	387	332	290	258	232
	6,0	4,24	849	636	509	424	364	318	283	255

For condensation of 32% and 28%, different correction factors should be applied — 1.15 and 1.13, respectively. The flow rate for the 32% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.15. The flow rate for the 28% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.13.

POM DOSING ORIFICE

RSM02P, RSM03P, RSM04P,
RSM05P, RSM06P, RSM08P



RSM02P



RSM03P



RSM04P



RSM05P



RSM06P



RSM08P

Agroplast's POM dosing orifices are reinforced with nonorganic molecules, which increases their wear resistance by over four times. These orifices are a perfect solution for middle-size farms. Extended durability and cost effectiveness (one nozzle + orifice for all applications throughout the season) make this solution a very attractive alternative for the typical liquid fertilizer nozzles available on the market.

- Made of top quality POM materials supplied by carefully selected suppliers
- Reinforced by non-organic molecules, enable 4-times higher wear resistance.
- Available in the ISO color scheme for easy configuration
- Used to control liquid expenditure in 7-hole fertilizer nozzles.

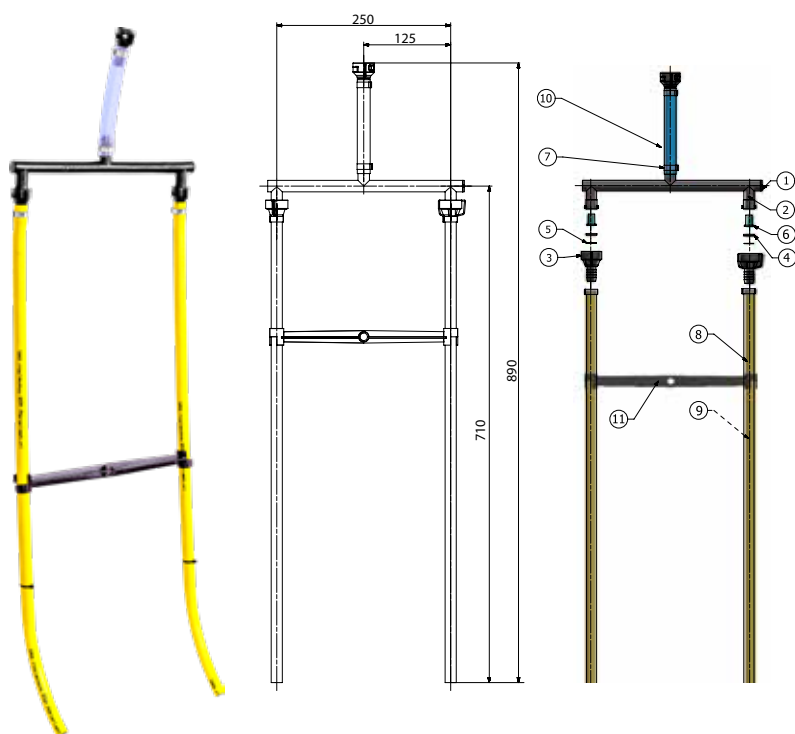
Water expenditure*

DOSING ORIFICE	(bar)	(l/min.)	Nozzle spacing – 50 cm Litres / hectare							
			6 km/h	8 km/h	10 km/h	12 km/h	14 km/h	16 km/h	18 km/h	20 km/h
RSM02P	2,0	0,64	127	96	76	64	55	48	42	38
	3,0	0,78	156	117	94	78	67	59	52	47
	4,0	0,90	180	135	108	90	77	68	60	54
	5,0	1,01	201	151	121	101	86	76	67	60
	6,0	1,10	221	165	132	110	95	83	74	66
RSM03P	2,0	0,98	196	147	118	98	84	73	65	59
	3,0	1,20	240	180	144	120	103	90	80	72
	4,0	1,39	277	208	166	139	119	104	92	83
	5,0	1,55	310	232	186	155	133	116	103	93
	6,0	1,70	339	255	204	170	145	127	113	102
RSM04P	2,0	1,26	251	189	151	126	108	94	84	75
	3,0	1,54	308	231	185	154	132	116	103	92
	4,0	1,78	356	267	213	178	152	133	119	107
	5,0	1,99	398	298	239	199	170	149	133	119
	6,0	2,18	436	327	261	218	187	163	145	131
RSM05P	2,0	1,62	323	242	194	162	139	121	108	97
	3,0	1,98	396	297	238	198	170	149	132	119
	4,0	2,29	457	343	274	229	196	171	152	137
	5,0	2,56	511	383	307	256	219	192	170	153
	6,0	2,80	560	420	336	280	240	210	187	168
RSM06P	2,0	1,96	392	294	235	196	168	147	131	118
	3,0	2,40	480	360	288	240	206	180	160	144
	4,0	2,77	554	416	333	277	238	208	185	166
	5,0	3,10	620	465	372	310	266	232	207	186
	6,0	3,39	679	509	407	339	291	255	226	204
RSM08P	2,0	2,45	490	367	294	245	210	184	163	147
	3,0	3,00	600	450	360	300	257	225	200	180
	4,0	3,46	693	520	416	346	297	260	231	208
	5,0	3,87	775	581	465	387	332	290	258	232
	6,0	4,24	849	636	509	424	364	318	283	255

For condensation of 32% and 28%, different correction factors should be applied — 1.15 and 1.13, respectively. The flow rate for the 32% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.15. The flow rate for the 28% liquid fertilizer should be calculated by dividing the water flow rate by the factor of 1.13.

HOSE DROP SYSTEM FOR BOOM SPRAYERS

RAU SYSTEM: **220509**
ARAG SYSTEM: **220516**
HARDI SYSTEM: **220011**



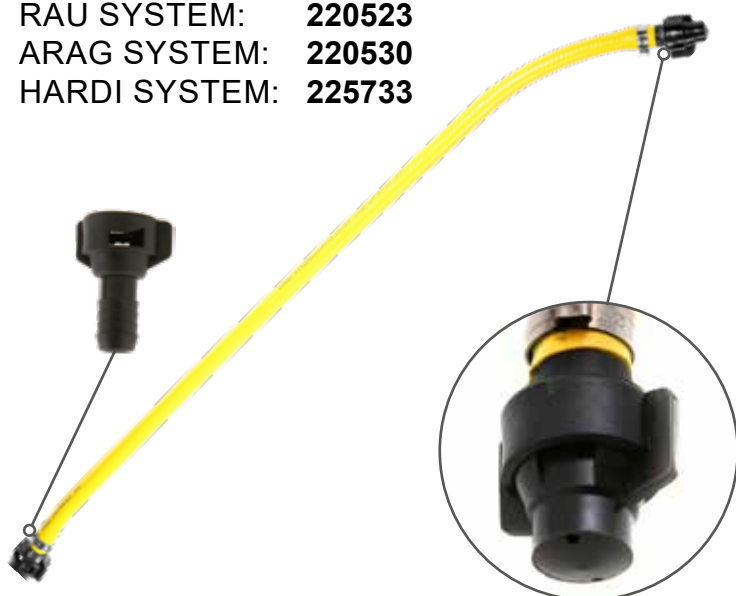
Number	Name of product	Quantity
1	Hose tee plug	1
2	Hose tee	1
3	Hose tee	3
4	Stub gasket	2
5	Dosing orifice	2
6	Strainer	2
7	Clamp band	4
8	Elastic hose	2
9	Stiffening tube	2
10	Flexible connecting hose	1
11	Strut	1

Presenting Agroplast's improved hose drop system for boom sprayers. Years of in-field research enabled to develop many practical innovations in the system that result in better precision of spray and safer application of fertilizer, minimizing the risk of scalding the plants. Along with our exclusive liquid-fertilizer-proof pump we offer a complete, unique solution that guarantees safe application of fertilizer both for plants and sprayers.

- Special construction eliminates the risk of damaging plants during spray
- Stiff pipes mounted inside the upper sections of the hose reinforce the system and guarantees even application in the row-spacing
- Adjustable spacing bar between hoses stiffens the system to ensure the correct hose spacing, even in case of hitting plants or ground
- Additional option of assembling neighbouring hoses into a one uniform „wall”, resistant to sideways swinging
- Allows precise application close to plant roots, decreasing the emission of fertilizer to the environment
- Available for all standard mount types (RAU, Arag, Hardi)
- Lowers the expenditure of fertilizers
- Equipped with anti-detachment protection
- Set of dosing orifices (0.8, 1.0, 1.2, 1.5) included

SINGLE HOSE DROP

RAU SYSTEM: **220523**
ARAG SYSTEM: **220530**
HARDI SYSTEM: **225733**



- Highly recommended during the periods of plant's high sensitivity
- Applicable for liquid fertilising directed at the plant's root
- Lowers the risk of burning the plant
- Enables accurate fertiliser application near the plant's root, lowering the evaporation of chemicals into the environment
- Available in all most major size standards (RAU, ARAG, HARDI)

LIQUID FERTILIZER SPRAY ACCESSORIES



**COMPLETE HOSE DROP
SYSTEM T-BAR**
RAU SYSTEM: **225047**
ARAG SYSTEM: **225191**
HARDI SYSTEM: **227355**



HOSE DROP SYSTEM SPACING BAR
224958



HOSE DROP SYSTEM T-BAR
224897

LIQUID FERTILIZER SPRAY ACCESSORIES



SHORT HOSE DROP
RAU SYSTEM: **222299**
ARAG SYSTEM: **222282**
HARDI SYSTEM: **222480**



**LIQUID FERTILIZER
5-HOLE NOZZLE**
220141



HOSE CONNECTOR
220578



JET CAP
220561



HOSE CAP
RAU SYSTEM: **222251**
ARAG SYSTEM: **220554**
HARDI SYSTEM: **224903**

DOSING ORIFICE FLOW RATE TABLE



Nozzle spacing – 50 cm
Litres/hectare

DOSING ORIFICE



Product code	dosing orifice (Ø)	(bar)	l/min water	6 km/h	7 km/h	8 km/h	9 km/h	10 km/h	11 km/h	12 km/h	14 km/h	16 km/h
222046	0.8	1	0,31	62	53	47	41	37	34	31	27	23
		2	0,43	86	74	65	57	52	47	43	37	32
		3	0,53	106	91	80	71	64	58	53	45	40
		4	0,62	124	106	93	83	74	68	62	53	47
		5	0,69	138	118	104	92	83	75	69	59	52
222053	1.0	1	0,46	92	79	69	61	55	50	46	39	35
		2	0,65	130	111	98	87	78	71	65	56	49
		3	0,80	160	137	120	107	96	87	80	69	60
		4	0,92	184	158	138	123	110	100	92	79	69
		5	1,03	206	177	155	137	124	112	103	88	77
222084	1.2	1	0,67	134	115	101	89	80	73	67	57	50
		2	0,95	190	163	143	127	114	104	95	81	71
		3	1,17	234	201	176	156	140	128	117	100	88
		4	1,34	268	230	201	179	161	146	134	115	101
222091	1.5	1	0,97	194	166	146	129	116	106	97	83	73
		2	1,38	276	237	207	184	166	151	138	118	104
		3	1,69	338	290	254	225	203	184	169	145	127
224583	1.8	1	1,39	278	238	209	185	167	152	139	119	104
		2	1,96	392	336	294	261	235	214	196	168	147
		3	2,40	480	411	360	320	288	262	240	206	180
224590	2.0	1	1,82	364	312	273	243	218	199	182	156	137
		2	2,60	520	446	390	347	312	284	260	223	195
		3	3,00	600	514	450	400	360	327	300	257	225
225481	2.2	1	2,05	410	351	308	273	246	224	205	176	154
		2	2,95	590	506	443	393	354	322	295	253	221
		3	3,50	700	600	525	467	420	382	350	300	263
999975	2.5	1	2,62	524	449	393	349	314	286	262	225	197
		2	3,75	750	643	563	500	450	409	375	321	281
		3	4,30	860	737	645	573	516	469	430	369	323

For condensation of 30% and 28% a different correction factors need to be assumed - respectively 1.15 and 1.13.

FILTERS AND FILTER ACCESSORIES

Introducing Agroplast's range of sprayer filters and filter screens applicable in boom sprayers. Our filters are made of the highest quality materials and come in different fastening options, with a vast range of spare parts to ensure easy customisation per individual needs. Broad choice of filter screen density enables to adjust the mesh parameter according to the specific type of application.

SUCTION FILTERS

- Elbows and drain elbows of Ø25; Ø32; Ø40 available
- The shut-off valve enables removing and cleaning the screen even when the liquid is still in the tank
- Also available in the big capacity Ø50 elbows fastening 2"

- Filter screen made of plasma-welded stainless steel with different mesh options guarantees high durability and long-lasting exploitation
- Easy-to-operate
- Quick screen cleaning without a risk of damage



SUCTION FILTER WITH SHUT-OFF VALVE

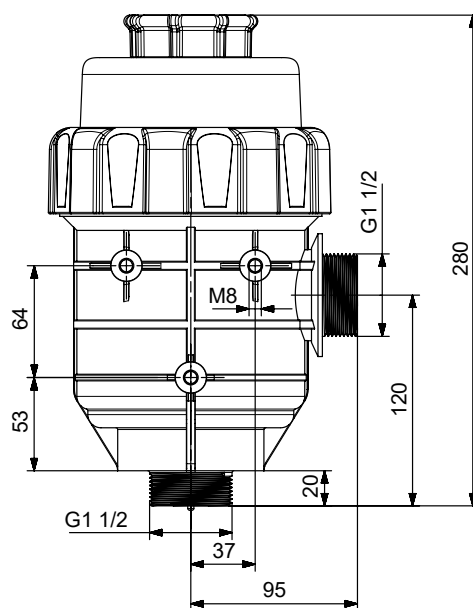
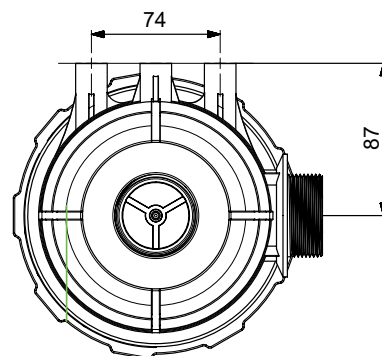
ELBOW Ø25 | CONNECTION 1½": **224231**
 ELBOW Ø32 | CONNECTION 1½": **224248**
 ELBOW Ø40 | CONNECTION 1½": **224255**
 ELBOW Ø50 | CONNECTION 2": **222152**



SUCTION FILTER WITHOUT SHUT-OFF VALVE

ELBOW Ø25 | CONNECTION 1½": **222114**
 ELBOW Ø32 | CONNECTION 1½": **224149**
 ELBOW Ø40 | CONNECTION 1½": **224101**
 ELBOW Ø50 | CONNECTION 2": **224156**

BIG SUCTION FILTER



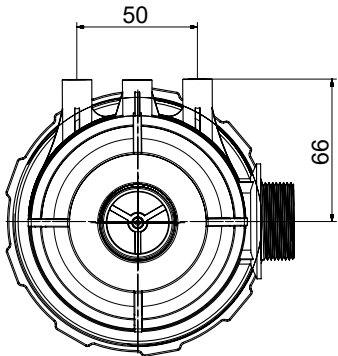
SUCTION FILTERS



**SMALL SUCTION FILTER
WITH SHUT-OFF VALVE**

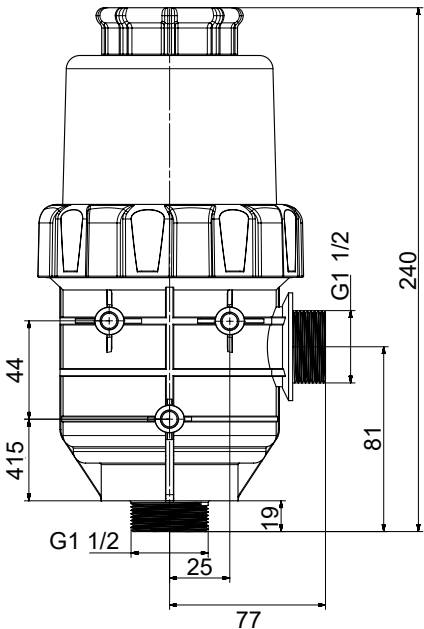
- ELBOW Ø25 | CONNECTION 1½": **224194**
- ELBOW Ø32 | CONNECTION 1½": **224200**
- ELBOW Ø40 | CONNECTION 1½": **222213**

**SMALL SUCTION
FILTER**



**SMALL SUCTION FILTER
WITHOUT SHUT-OFF VALVE**

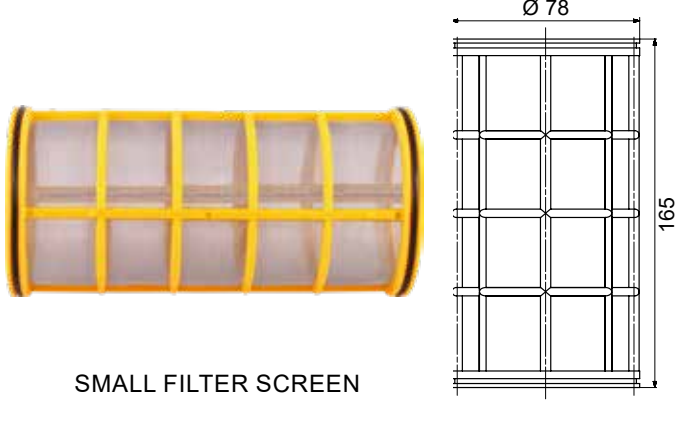
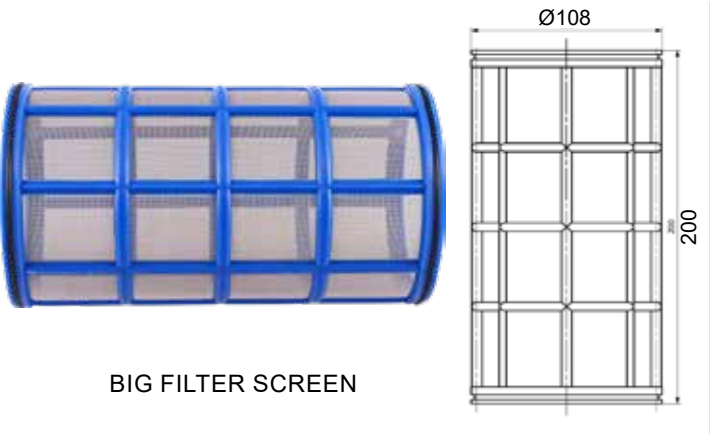
- ELBOW Ø25 | CONNECTION 1½": **224163**
- ELBOW Ø32 | CONNECTION 1½": **224170**
- ELBOW Ø40 | CONNECTION 1½": **224187**



**UNIVERSAL
SUCTION FILTER**

- ELBOW Ø25 | CONNECTION 1½": **222183**
- ELBOW Ø32 | CONNECTION 1½": **224217**
- ELBOW Ø40 | CONNECTION 1½": **224224**

FILTER SCREENS



PRODUCT NAME	COLOUR (according to ISO 19732)	PRODUCT CODE	MESH	A (microns)	Ø (microns)	S (%)	MATERIAL
BIG FILTER SCREEN	Red	227867	32	594	200	55,3	Inox
	Blue	220783	50	365	140	50,8	Inox
	Yellow	225498	80	229	80	55,7	Inox
	Green	225702	100	173	80	46,4	Inox
SMALL FILTER SCREEN	Red	227874	32	594	200	55,3	Inox
	Blue	220950	50	365	140	50,8	Inox
	Yellow	225726	80	229	80	55,7	Inox
	Green	225719	100	173	80	46,4	Inox

SECTION PRESSURE FILTER



- Intersectional pressure filters are installed in individual section lines in order to cleanse the liquid thoroughly.
- Prevents disrupting the work of nozzles of low capacity.
- Milky tumbler of the settling tank is resistant to high pressure and all kinds of chemicals for spraying and fertilizing
- Easy-to-dismantle filter screen enables quick cleaning of the filter
- High level of filtration (filter screen with mesh 80, 90 & 100)

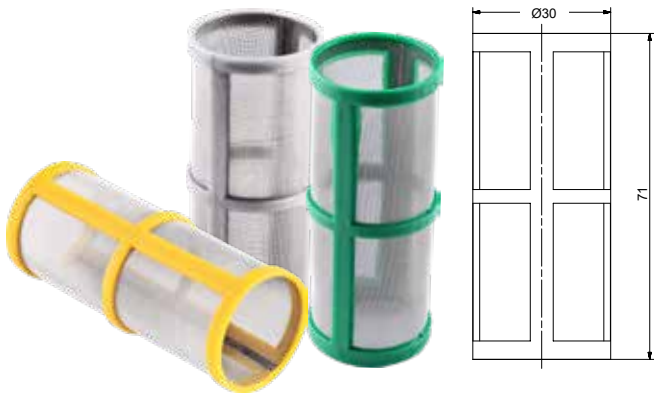


**SMALL SECTION
PRESSURE FILTER**
MESH 80: **226099**
MESH 90: **225740**
MESH 100: **226082**

BIG SECTION PRESSURE FILTER

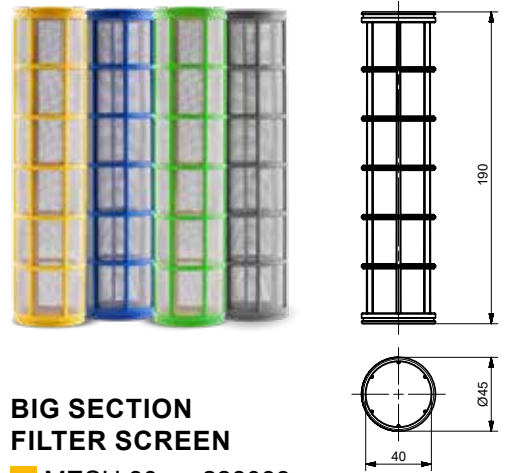
	STRAIGHT PLUG Ø20	STRAIGHT PLUG Ø25	ELBOW Ø20	ELBOW Ø25
MESH 80:	228284	228338	228376	228383
MESH 90:	228291	228345	228406	228390
MESH 100:	228277	228321	228369	228352

FILTER PARTS AND ACCESSORIES



SMALL SECTION FILTER SCREEN

- MESH 80: **226150**
- MESH 90: **225375**
- MESH 100: **226754**



BIG SECTION FILTER SCREEN

- MESH 80: **228093**
- MESH 90: **228086**
- MESH 100: **228079**



SMALL FILTER SEALS SET **222862**



BIG FILTER SEALS SET **222954**



BIG FILTER SHUT-OFF VALVE **220943**



SMALL FILTER SHUT-OFF VALVE **220967**



DRAIN ELBOW 1½"

ELBOW Ø25: **224620**
ELBOW Ø32: **224651**
ELBOW Ø40: **222190**



SETTER TUMBLER **221056**



SETTER TUMBLER (up to 20 bar) **221063**

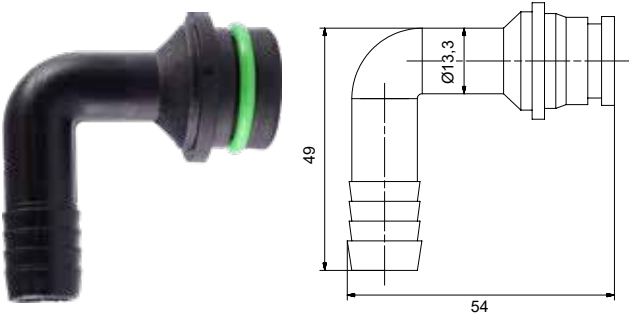


TUMBLER FOR SECTION PRESSURE FILTER **228444**



TUMBLER FOR SECTION PRESSURE FILTER (up to 20 bar) **222381**

FILTER PARTS AND ACCESSORIES

ELEMENT (Product Photo)	PRODUCT NAME	PRODUCT CODE	DIMENIONS
 	Elbow	220790	Ø25/90° 1½"
		220806	Ø32/90° 1½"
		220813	Ø40/90° 1½"
		220844	Ø32/30° 1½"
	Elbow	220820	Ø50/90° 2"
	Elbow	221025	Ø12,5 / ¾"

ELEMENT (Product Photo)	PRODUCT NAME	PRODUCT CODE	DIMENIONS
	Big filter housing O-ring	220912	125X6
	Big filter screen O-ring	220936	100X2.6
	Elbow O-ring	227829	30X3
	Small filter housing O-ring	220981	90X4.5
	Small filter screen O-ring	222008	74X2,6
	Tumbler seal	221070	40,95X2,62

We know very well how important is the correct and reliable sealing.
 That is why all our filters and accessories are now available as standard with Verdesil sealing with increased resistance to deformation.

FILTER PARTS AND ACCESSORIES

ELEMENT (Product Photo)	PRODUCT NAME	PRODUCT CODE	DIMENIONS
	Big filter housing nut	220905	–
	Small filter housing nut	220974	–
	Fastening nut	220899 220882	2" 1½"
	Nut ¾"	221032	¾"
	Straight plug	221018 228642 228758 228260 221315 221322 221995 220875 226587 220868 220851 227003	Ø12,5 / ¾" Ø12,5 1" Ø16 1" Ø20 1" Ø25 1" Ø25/1¼" Ø25/1½" Ø32/1½" Ø32/1¼" Ø40/1½" Ø40/2" Ø50/2"

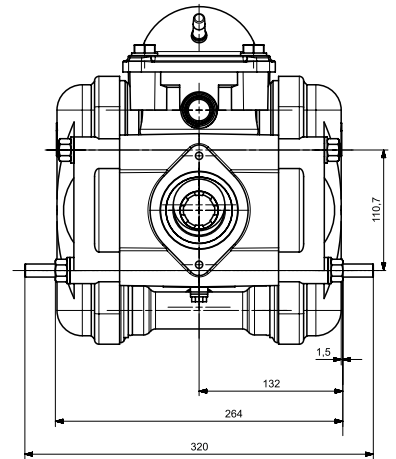
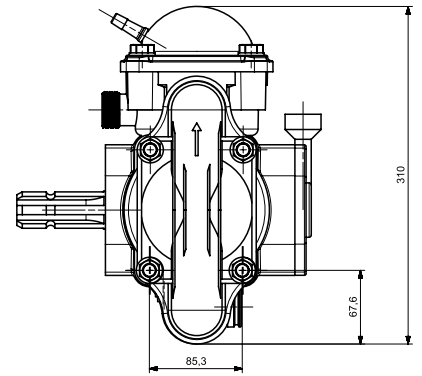
PUMPS AND PUMP SPARE PARTS

Having worked very closely with farmers for over 40 years, we have developed a world-class range of pumps for agricultural sprayers. Introduction of needle bearings to the pump construction guarantees smooth and trouble-free operation for years. As a result we are the only producer in Central and Eastern Europe, offering 2 years warranty for all our pumps. The special construction of our pumps enables easy access for service and maintenance.

PUMP P-100

**IMPROVED
CONSTRUCTION**

PRODUCT CODE:
221094



58

CATALOGUE OF PRODUCTS 2026

MAX FLOW:



up to 100 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,5 L)

WARRANTY:



2 YEARS

- Excellent parameters and high reliability make the P-100 one of the most desired pumps on the market
- Light, compact design makes P-100 very easy to operate and control
- Robust construction and the application of needle bearings on the rotating elements minimizes the risk of failure and heat emission during the pump's operation time
- Using specially reinforced POM as a material guarantees high durability, impact resistance and immunity to liquid fertilizer and other chemicals
- Accessible construction of the pump enables quick and simple access to the pump (valves and diaphragms maintenance)
- Generates minimal heat, enabling to work the pump to work at its limit
- 2 years warranty

FERTILIZER-PROOF PUMP P-100 RSM

PRODUCT CODE:
226631



MAX FLOW:



up to 100 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,5 L)

WARRANTY:



2 YEARS

! Stainless steel fasteners

- Revolutionary construction technology and carefully selected materials make P-100RSM the first and only pump in the world 100% resistant to liquid fertilizers negative impact (no corrosion or wear out)
- Operational parameters and high reliability of the standard P-100 pump in a reinforced body
- P-100RSM maintains its light, compact design which makes it very easy to operate and control
- Robust construction and the application of needle bearings on rotating elements minimizes the risk of failure and heat emission during the pump's operation time
- Accessible construction enables quick and simple access to the pump (valves and diaphragms maintenance)
- Generates minimal heat, enabling to work the pump at a stretch
- 2 years warranty

HORTICULTURE SPRAY PUMP P-100S

PRODUCT CODE:
222077



60

CATALOGUE OF PRODUCTS 2026

MAX FLOW:



up to 100 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,450 L)

WARRANTY:



2 YEARS

- Additional power take-off shaft enables to connect the pump to an air-blower for orchard spray
- Excellent parameters and high reliability
- Easy control and operation thanks to a light, compact design
- Robust construction and the application of needle bearings on rotating elements minimizes the risk of failure and warmth emission during the pump's operation time
- Aluminium piston operates inside an iron sleeve to ensure the best alignment between the two components
- Accessible construction of the pump enables quick and simple access to the pump (valves and diaphragms maintenance)
- Generates minimal heat, enabling to work the pump continuously for hours
- 2 years warranty

TWIN-SUCTION PUMP P-110D

PRODUCT CODE:
221087



MAX FLOW:



up to 100 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,7 L)

WARRANTY:



2 YEARS

- Two suction elbows allow to aspirate liquids from separate tanks at the same time, saving time and effort, while mixing liquids on the go
- Excellent parameters and high reliability
- Light, compact design makes P-110 very easy to operate and control
- Robust construction and the application of needle bearings on rotating elements minimizes the risk of failure and heat emission during the pump's operation time
- Aluminium piston operates inside an iron sleeve to ensure the best alignment between the two components
- Accessible construction of the pump enables quick and simple access to the pump (valves and diaphragms maintenance)
- Generates minimal heat thanks to a specially designed construction

PUMP P-145

PRODUCT CODE:
221100



62

CATALOGUE OF PRODUCTS 2026

MAX FLOW:



up to 143 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,85 L)

WARRANTY:



2 YEARS

- Additional cylinder enables better efficiency of the pump (flow rate of 145 l/min)
- Excellent parameters and high reliability make P-145 a unique and highly demanded pump for the small to medium size sprayers
- Light and compact design makes P-145 very easy to operate and control
- Robust construction and the application of needle bearings on rotating elements minimizes the risk of failure and heat emission during the pump's operation
- Aluminium piston operates inside an iron sleeve to ensure the best alignment between the two components
- Thought-through, well designed construction enables quick and simple access to the pump (valves and diaphragms maintenance) and allows to replace the valves without a need for a diaphragm replacement
- Minimal heat emission allows to work the pump continuously for long hours
- Pumps body and all parts of the suction and pumping system are 100% resistant to the negative impact of liquid fertilizers

PUMP P-165

PRODUCT CODE:
227294



MAX FLOW:



up to 165 l/min

RECOMMENDED SPEED:



540 rpm

OIL:



CB SAE 40
(capacity 0,92 L)

WARRANTY:



2 YEARS

In response to the growing needs of farms, we have developed our latest P-165 pump. The pump construction is based on the reliable P-100 model, which has been trusted by farmers for over 15 years.

Many years of experience in the production of pumps have allowed us to create a product with long-term reliability and full resistance to the effects of liquid fertilizers. Thanks to the innovative, carefully designed construction, we can provide a 2-year warranty on failure-free pump operation.

As with other PROLINE products, the P-165 pump is made of a specially reinforced copolymer, which makes it highly resistant to mechanical damage. The use of an innovative oil cooling system allows long-term operation of the membranes.

- Long-lasting and failure-free operation of the membranes thanks to the oil cooling system
- Proven solutions used in the reliable P-100 pump
- 100% resistant to liquid fertilizers
- two-year warranty of failure-free operation
- The solid pump construction reduces the risk of damage
- Easy access to the individual elements of the pump
- Resistant to mechanical damage thanks to the use of reinforced technical plastics
- Availability of all spare parts in our on-line shop

REPLACEMENT PARTS AND PUMP ACCESSORIES

We offer a full range of spare parts and pump accessories to ensure easy service and maintenance of our pumps



P-100 pump body
220028



P-145 pump body
226266



Discharge manifold cover
221124
Application:
Pump P-100, P-100 S, P-165



Upper air chamber
221490
Application:
Pump P-145, P-110D



Oil level indicator with a filling valve
221162
Application:
Pump P-100, P-165



Oil level indicator
224552
Application:
Pump P-100S



Oil level indicator with a filling valve P-110D
225566
Application:
Pump P-110D



P-145 complete suction manifold
221155
Application:
Pump P-145



P-145 suction manifold section 1/3
221964
Application:
Pump P-145



P-145 suction manifold section 2/3
221971
Application:
Pump P-145



P-145 suction manifold section 3/3
221988
Application:
Pump P-145



P-145 pump head
221377



Pump head P-100, P-100RSM, P-100S, P-165
221384

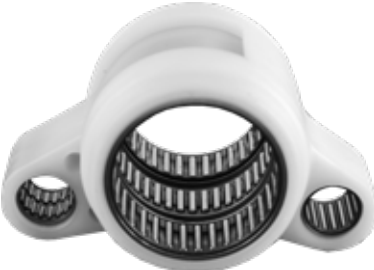
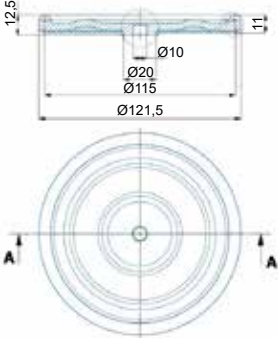


P110D pump head
Left: **226228**
Right: **226235**



Pump P-100 replacement kit
225597

REPLACEMENT PARTS AND PUMP ACCESSORIES

 Elbow Ø25/90° 1" 222015	 Elbow Ø32/90° 1¼" 221292	 Elbow Ø40/90° 1½" 220813
 Elbow Ø25/30° 1" 221285	 Oil tank P-145 221445	 Oil gate pump P-145 227010 Used in P-145 pumps from 2019 onwards
 P-100 Connecting rod 221339 Application: Pump P-100, P-165	 P-145 Connecting rod 221452	 P-100S Connecting rod 225603
  Diaphragm Application: Pump P-100, P-145, P-110D, P-165 221230		 Washer Application: Pump P-100, P-145, P-110D, P-165 221247 Inner diameter: 10mm Outer diameter: 80mm

REPLACEMENT PARTS AND PUMP ACCESSORIES

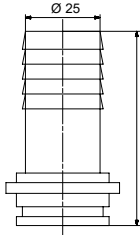
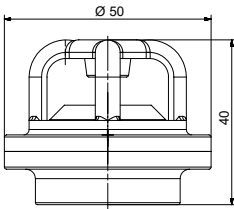
		Dimensions	Application
 O-Ring Verdesil	221414	18.4x2.7	- P-145 pump oil tank - P-145 oil gate pump
		25x3	- Ball valve - Liquid supply T-pipe - Pumps: P-100, P-100S, P-110D
		19x3	- Safety valve 10 bar - Transition elbow Ø12,5 - Pumps: P-100, P-100S, P-110D, P-165
	227829	30x3	- Suction filters (except Ø50) - Suction connection pipe - Ball valve
	221438	35x5	- Pump valve
	221391	38x4	- Pump valve
 O-Ring	226624	35x3.5	- P-145 suction manifold
	221407	70x3	- Oil level indicator
	049202	35x3	- Elbow Ø50 2"



Piston pin
Application: Pump P-100,
P-145, P-100S, P-165
221117

 Fastening nut 1" 221278	 Fastening nut 1½" 220882	 Fastening nut 1¼" 221261
 Shaft's shield P-100 / P-100RSM / P-110D / P-100S / P-165 221353	 Shaft's shield P-145 221476	 Pump-145 shaft seal cover 226730
 Accumulator diaphragm P-145 / P-110D 221506	 Accumulator diaphragm P-100 / P-100S / P-100RSM / P-165 221193	 Simmering Pump: P-100, P-145, P-110D, P-165 221360 Dimenions: 72 x 35 x 10 mm
 P-100 repair kit 224705	 Repair kit with valves 222558	 P-145 repair kit 226808

REPLACEMENT PARTS AND PUMP ACCESSORIES

 Pump piston Application: Pump P-100, P-145, P-100S, P-165 221179	 Sleeve Application: Pump P-100, P-100D, P-145, P-100S, P-165 220431	 Straight plug Ø25 – Connector 1" 221315	
  Straight plug Ø25 – Connector 1 1/4" 221322	  Pump valve (complete) Application: Pump P-100, P-145, P-100S, P-110D, P-165 221209	 P-145 Pump shaft 221469	
 P-100 Pump shaft Pump: P-100, P-110D 221346	 P-100S Pump shaft 224545	 P-165 Pump shaft 227713	
 Accumulator manifold 221131 Application: Pump P-100, P-100S, P-165	 Suction manifold P-100 / P-100RSM 221148	 Air chamber diaphragm protector P-100D, P-145 221513	 Safety Valve Application: Pump P-145 Nr kat. 226433
 Suction manifold P-165 227690	 Accumulator manifold P-165 227706	 Central suction manifold P-165 227683	



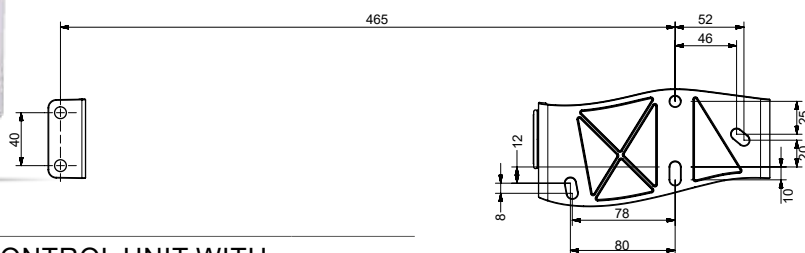
CONTROL UNITS AND ACCESSORIES

After years of testing, we present probably the most anticipated product in our offer - Control Unit HD! For its construction, we used proven solutions, including specially reinforced copolymers that provide high resistance to mechanical damage and seals made of Verdesil - an innovative silicone-based material with increased shape memory, which ensures long-term operation without leakage.

The Agroplast Control Unit HD one of the largest filtering area compared to other devices of this type. In addition, we used a filter screen made of acid-resistant steel to choose from in three densities - MESH 50, MESH 80 and MESH 100.

CONSTANT PRESSURE CONTROL UNIT HD WITH PROPORTIONAL VALVE

- Ensures that the pressure is maintained at a constant level regardless of the number of sections switched off
- Installation of the proportional valve downstream of the filter guarantees a constant pressure regardless of the degree of contamination in the filter
- Manual control valves at the individual sections are protected against accidental deregulation, which guarantees that a constant pressure is maintained
- Proportional control valve for more precise pressure setting
- Thread for mounting the pressure gauge reinforced with a brass element (standard installed pressure gauge base HD M12x1.5)
- Resistant to mechanical damage thanks to the use of specially reinforced copolymer
- Seals made of the innovative silicone-based material Verdesil ensure the highest level of control unit tightness
- One of the largest filtration surfaces among control units of this type
- Filter screen made of acid-resistant steel with three mesh options (MESH 50, MESH 80 and MESH 100)
- The cup of the filterer available in transparent version (up 10 bar max) and black (up to 20 bar max)
- The design of control unit is fully compatible with most sprayers available on the market
- Manual disassembly of the manual main control valve HD without the use of tools



CONSTANT PRESSURE CONTROL UNIT WITH
PROPORTIONAL VALVE (5+2)

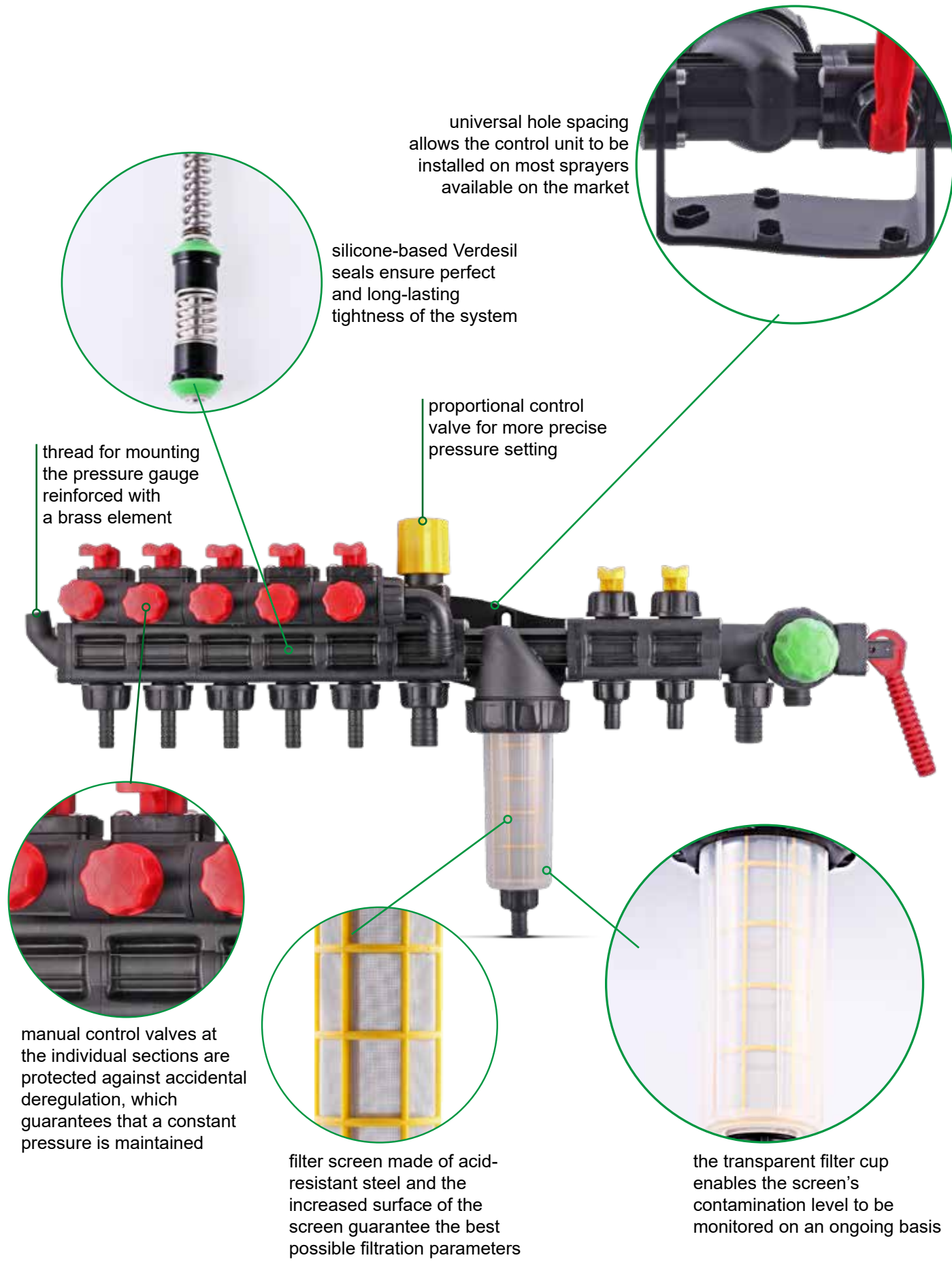
228734



CONSTANT PRESSURE CONTROL UNIT HD
WITH PROPORTIONAL VALVE (5+2)

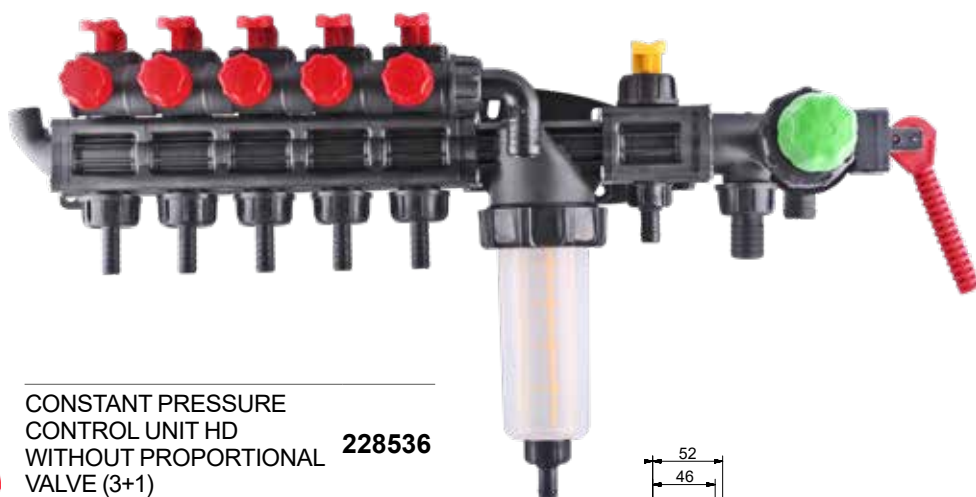
228550

CONSTANT PRESSURE CONTROL UNIT HD WITH PROPORTIONAL VALVE



CONSTANT PRESSURE CONTROL UNIT HD WITHOUT PROPORTIONAL VALVE

- Ensures that the pressure is maintained at a constant level regardless of the number of sections switched off the degree of contamination of the filter
- Resistant to mechanical damage thanks to the use of specially reinforced copolymer
- Seals made of the innovative silicone-based material Verdesil ensure the highest level of control unit tightness
- One of the largest filtration surfaces among control units of this type
- Filter screen made of acid-resistant steel with three mesh options (MESH 50, MESH 80 and MESH 100)
- The cup of the filterer available in transparent version (up to 10 bar max) and black (up to 20 bar max)
- The control unit's holder fully compatible with most sprayers available on the market
- Manual disassembly of the manual main control valve HD without the use of tools



CONSTANT PRESSURE
CONTROL UNIT HD
WITHOUT PROPORTIONAL
VALVE (3+1) **228536**



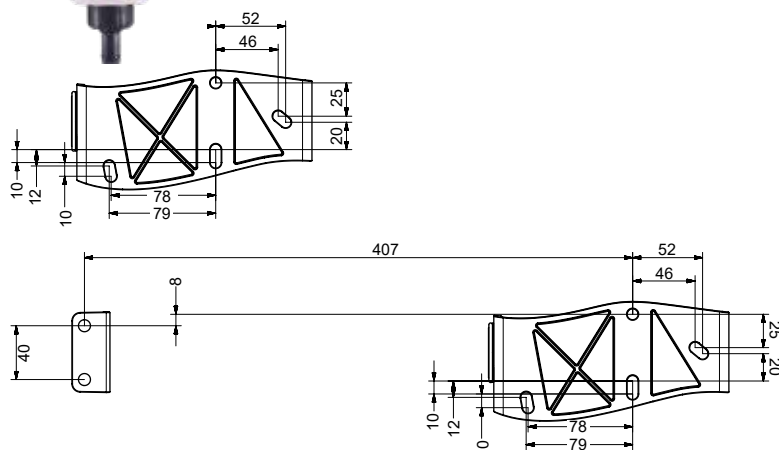
CONSTANT PRESSURE
CONTROL UNIT HD
WITHOUT PROPORTIONAL
VALVE (3+1) **228703**



CONSTANT PRESSURE
CONTROL UNIT HD
WITHOUT PROPORTIONAL
VALVE (5+1) **228543**

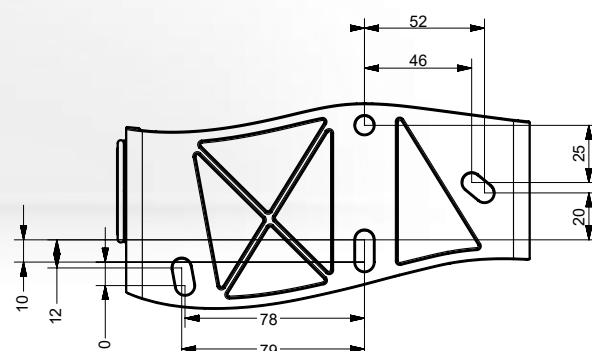
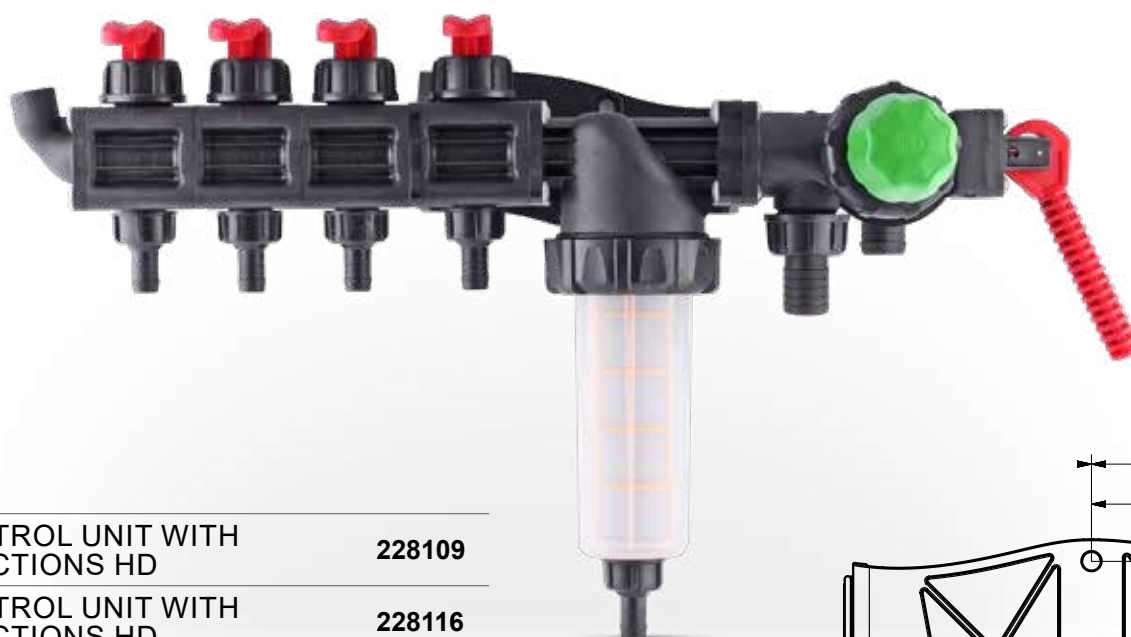


CONSTANT PRESSURE
CONTROL UNIT HD
WITHOUT PROPORTIONAL
VALVE (5+1) **228710**



CONTROL UNITS HD

- Resistant to mechanical damage thanks to the use of a specially reinforced copolymer
- Seals made of the innovative silicone-based material Verdesil ensure the highest level of control unit tightness
- The bigger filtration area compared to other control units of this type
- Filter screen made of acid-resistant steel with three mesh options (MESH 50, MESH 80 and MESH 100)
- The transparent cup of the filter allows to check the cleanliness of the screen without having to disassemble it
- The control unit's holder fully compatible with most sprayers available on the market
- Manual disassembly of the control unit's elements without the use of tools



CONTROL UNIT WITH 3 SECTIONS HD	228109
CONTROL UNIT WITH 4 SECTIONS HD	228116
CONTROL UNIT WITH 5 SECTIONS HD	228123
CONTROL UNIT WITH 6 SECTIONS HD	228130

ACCESSORIES TO CONTROL UNITS HD

We offer a full range of spare parts and control units accessories to ensure easy service and maintenance of our control units



**BOOM SECTION
UNIT HD**
227980



**BOOM SECTION UNIT
OF CONSTANT PRESSURE
CONTROL UNIT HD
WITH PROPORTIONAL
VALVE TOP**
228529



**BOOM SECTION UNIT
OF CONSTANT PRESSURE
CONTROL UNIT HD
WITH PROPORTIONAL
VALVE**
228512



**BOOM SECTION UNIT HD
(YELLOW)**
220066



MOUNTING HANDLE
228048



METERED BY-PASS HD
228482



**METERED BY-PASS HD
START**
228505



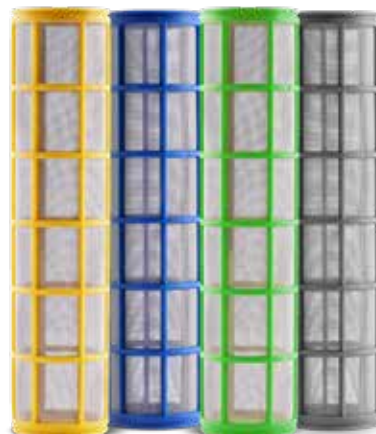
**METERED BY-PASS HD
END**
228499



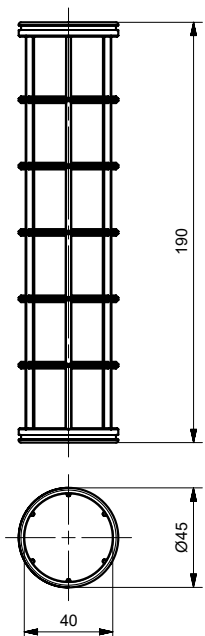
**PRESSURE GAUGE
BASE HD**
M12x1.5: 228062
G1/4": 228024



**PRESSURE GAUGE BASE
HD (BRASS INSERT)**
M12X1.5: 228666
G 1/4" 228659



LINE FILTER SCREEN
MESH 80: 228093
MESH 50: 228086
MESH 90: 228697
MESH 100: 228079



ACCESSORIES TO CONTROL UNITS HD

We offer a full range of spare parts and control units accessories to ensure easy service and maintenance of our control units



**MANUAL MAIN
CONTROL VALVE HD**
228161



**PROPORTIONAL
VALVE HD**
228628



LINE FILTER HD
MESH 80: 227997
MESH 100: 228307



**FILTER
FASTENING NUT**
228314



**LINE FILTER'S TUMBLER
up to 10 bar**
228178



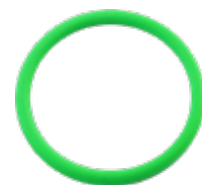
**LINE FILTERS'S
TUMBLER (BLACK)
up to 20 bar**
228451



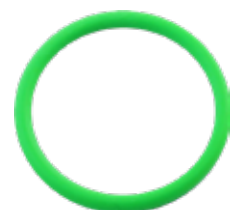
STRAIGHT PLUG
Ø12,5 1" 228642
Ø16 1" 228758
Ø20 1" 228260



ELBOW
Ø12,5/90 1" 228635



**ORING 38X3 PRO
VERDESIL**
25x3 221421
38x3 227829



**O-RING 64X3.5 FOR LINE
FILTER HD VERDESIL**
228215

NEW

ELECTROMAGNETIC FLOWMETER

**PRO
Line**

The Agroplast flowmeter is an indispensable device in modern precision agriculture and large farms, where accurate measurements and control of liquid flow translates into significant savings in production.

Thanks to the reduction of energy demand, we have minimized the risk of overheating of the electronic system, which ensures long-term operation of the flowmeter.



100%
RESISTANT
TO LIQUID
FERTILIZERS

ELECTROMAGNETIC FLOWMETER

PRODUCT CODE:

Flow rate: 10-200 l/min 227300

Flow rate: 2,5-100 l/min 220240



76

CATALOGUE OF PRODUCTS 2026

- Fully compatible with control computers of leading manufacturers
- High degree of protection IP67
- Fully resistant to the harmful effects of liquid fertilizers
- Resistant to mechanical damage thanks to the use of a specially reinforced copolymer
- Low energy demand ensures durable operation without the risk of overheating of the electronic system
- High measurement accuracy
- Quick response to flow changes
- Wide measurement range at low flow rates
- Highly resistant to interference
- Verdesil O-rings with increased resistance to deformation ensure a high level of tightness

	Flowmeter 227300	Flowmeter 220240
MAX pressure	20 bar	20 bar
Power supply	10-16 VDC	10-16 VDC
Pulse output	0-12 VDC	0-12 VDC
MAX consumption	100 mA	100 mA
Flow rate	10 - 200 l/min	2,5-100 l/min
Impulses	300 pls/l	600 pls/l
Operating temperature	0 °C ÷ 60 °C	0 °C ÷ 60 °C

AVAILABLE CONNECTORS



Flowmeter connector T5 IN
228468



Flowmeter connector T5 OUT
228475

SPRAYER PARTS AND ACCESSORIES

All our sprayer parts and accessories are made of top quality materials including POM, polyamids, glass fibre and ceramics. We have made a serious of developments and innovations to the construction of our products to make sure they fulfil almost every need of farmers across the world.

ENERGY CHAIN

- Top quality energy chain made of specially designed reinforced copolymers used for wire sheath in constant motion.
- Adjustable length
- Includes 160 mm x 40 mm main link with a pair of endings
- Openable along outer radius (from the left and right)
- Bend radius R - 97



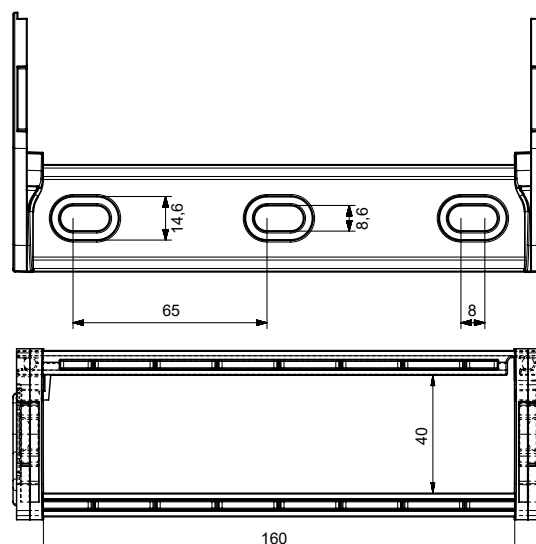
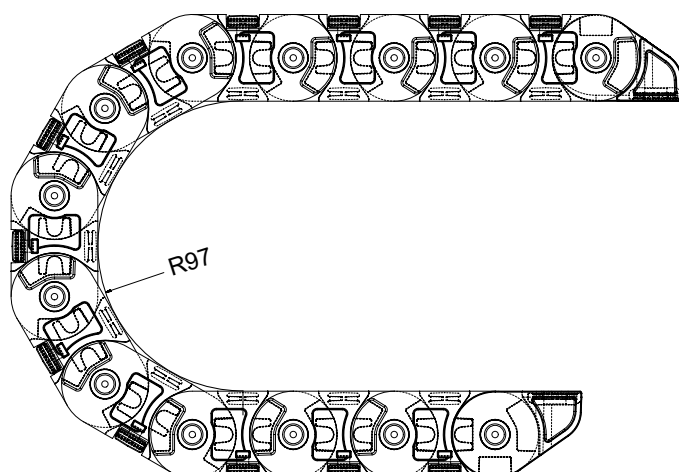
MAIN LINK
228598



MOVING END
228574



FIXED END
228581



HYDRAULIC AGITATORS

NO-FOAM HYDRAULIC AGITATOR ADJUSTABLE HYDRAULIC AGITATOR HYDRAULIC AGITATOR NOZZLES

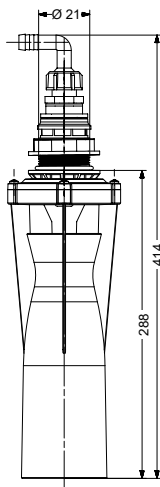
PRO
Line



**NO-FOAM HYDRAULIC
AGITATOR**
Ø1.5: **220745**
Ø2.0: **225757**
Ø3.0: **225771**
Ø5.0: **225764**

- Convenient use and better efficiency thanks to special construction, enabling to choose the stirring direction
- Very high durability due to the appliance of ceramic nozzles
- Work under both high and low pressures (available nozzles Ø: 1.5mm, 2mm, 3mm, 5mm)"

PRO
Line



ADJUSTABLE HYDRAULIC AGITATOR

Ø12,5	Ø19	Ø25
Ø1.5: 222268	Ø1.5: 227171	Ø1.5: 227249
Ø2.0: 225788	Ø2.0: 227195	Ø2.0: 227218
Ø3.0: 225801	Ø3.0: 227201	Ø3.0: 227225
Ø5.0: 225795	Ø5.0: 227188	Ø5.0: 227232

PRO
Line



HYDRAULIC AGITATOR NOZZLES

1"
Ø1.5: 227904
Ø2.0: 227911
Ø3.0: 227928
Ø5.0: 227935



3-WAY BALL VALVE

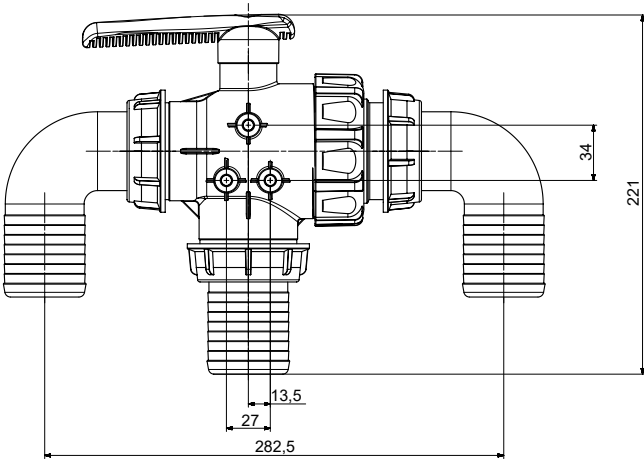


PROLINE BALL VALVE 1 1/2" 226983

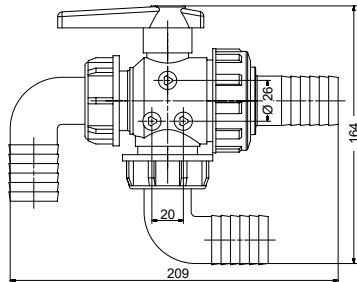


PROLINE BALL VALVE 2" 226914

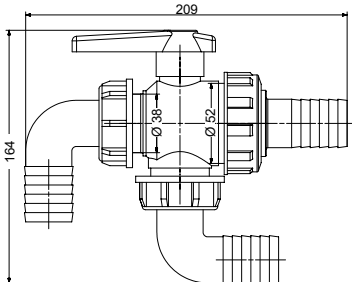
AVAILABLE CONNECTIONS	PRODUCT CODE
Elbow Ø25/90° 1 1/2"	220790
Elbow Ø32/90° 1 1/2"	220806
Elbow Ø40/90° 1 1/2"	220813
Elbow Ø32/30° 1 1/2"	220844
Straight plug Ø25/1 1/2"	221995
Straight plug Ø32/1 1/2"	220875
Straight plug Ø40/1 1/2"	220851



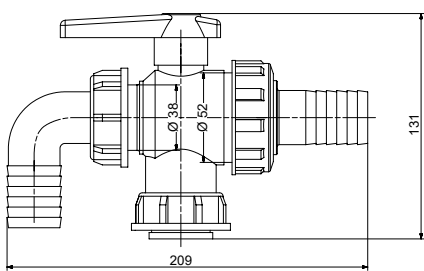
AVAILABLE CONNECTIONS	PRODUCT CODE
Elbow Ø50/90° 2"	220820
Straight plug Ø40/2"	220868
Straight plug Ø50 2"	227003



3-WAY BALL VALVE (Ø25, Ø32)
Ø25: 221759
Ø32: 222466

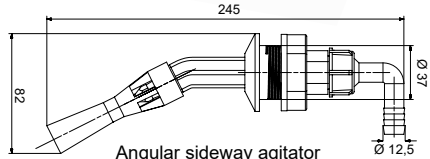
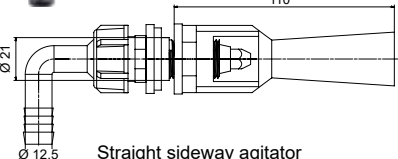
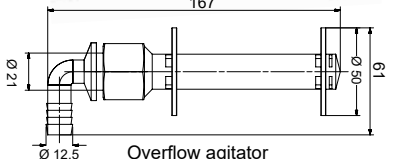
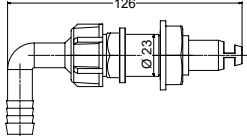
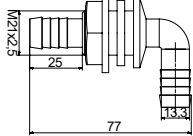
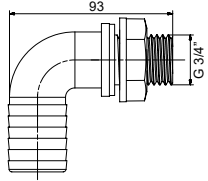
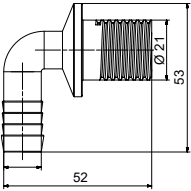
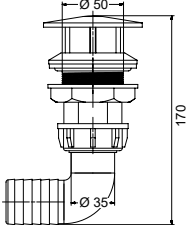
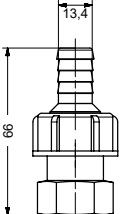
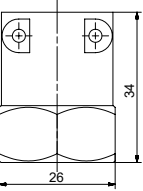
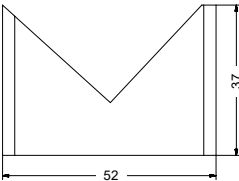


3-WAY BALL VALVE (Ø25, Ø32)
Ø25: 221766
Ø32: 222473

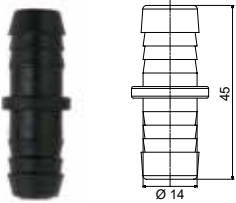
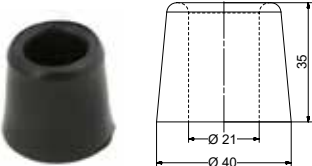
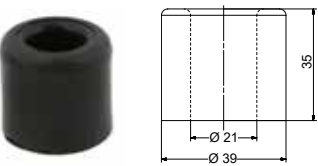
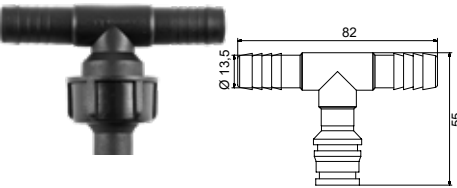
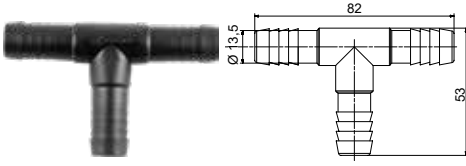
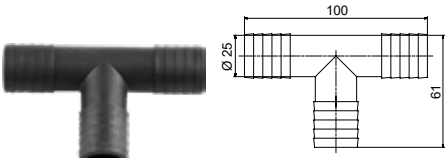
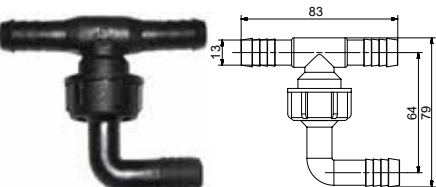
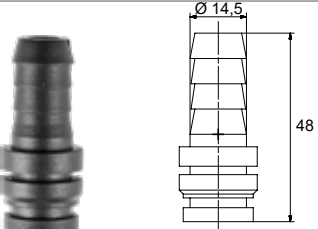
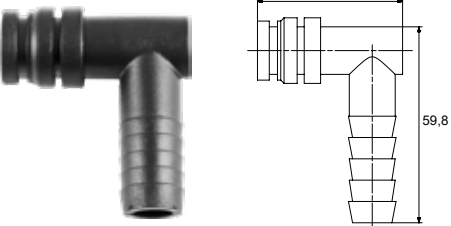
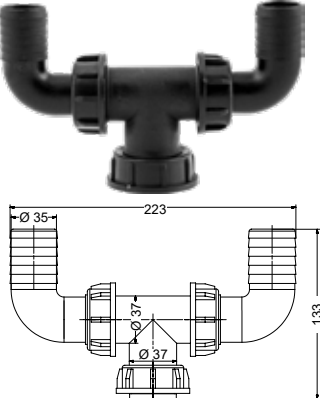


3-WAY BALL VALVE (Ø25, Ø32)
Ø25: 221742
Ø32: 222459

SPRAYER ACCESSORIES

  Angular sideways agitator 221629	  Straight sideways agitator 221636	  Overflow agitator 221612
  Agitator nozzle 221643	  Transition elbow Ø12,5 221728	  Complete overflow elbow Ø25: 226556 Ø32: 221735
  Indicator elbow Ø12,5 221704	 Agitator housing 221773	 Section connection pipe 221520
  Suction connection pipe Elbow Ø25: 221551 Elbow Ø32: 221568 Elbow Ø40: 221575	 Liquid indicator ball Ø10: 221711 Ø19: 228765	  Boom connector with a nut Thread M 20x1.5: 225276 Thread G 0.5: 2215482
  Boom connector M22x2.5 Thread M 20x1.5: 221605 Thread M 22x2.5: 225269	  Cap 1/2" 224682	  Cap M20x1,5 224675
 Fastening Nut M6 for nozzle holders (packed in 50 pcs) 225177	  Sliding cube 222220	

SPRAYER PARTS AND ACCESSORIES

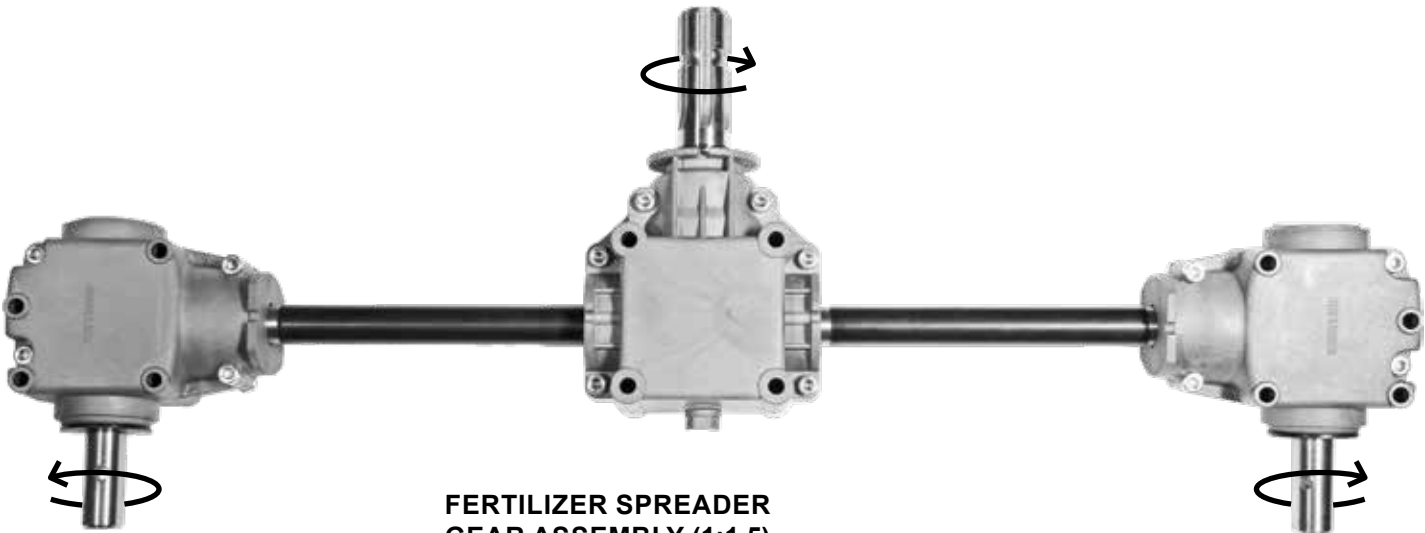
		
Hose 12,5x3 reinforced (20 BAR) 226389	Hose 12,5x3 transparent (for plant protection products) 226396	Hose 12,5x3 reinforced (20 BAR) 226716
		
Hose connector 221698	Boom slide C50 (cone) 221780	Boom slide C50Z (straight) 221797
		
Boom slide C65 221803	Agitator T-pipe Ø12,5 Connection 3/4" 221674	T-pipe Ø12,5 221650
		
T-pipe Ø25 221681A	Disjoint T-pipe Ø12,5 221667	Straight plug Ø12,5 221537
		
Angle plug Ø12,5 with pin fastening 221544	Liquid supply T-pipe Connection 1,5" Ø25: 224644 Ø32: 225290	Glycerine pressure gauge Fastening M 12 X 1.5 (bottom) Casing filling liquid – glycerine 99,7% Pressure: from 1 to 10 bar, every 0.2 bar Accuracy class: 1.6 Application: Control unit HD 221254

SPRAYER ACCESSORIES

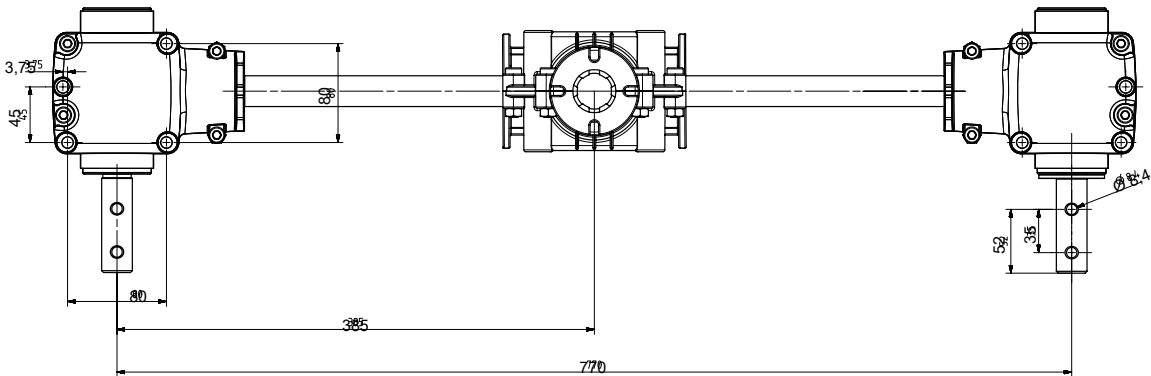
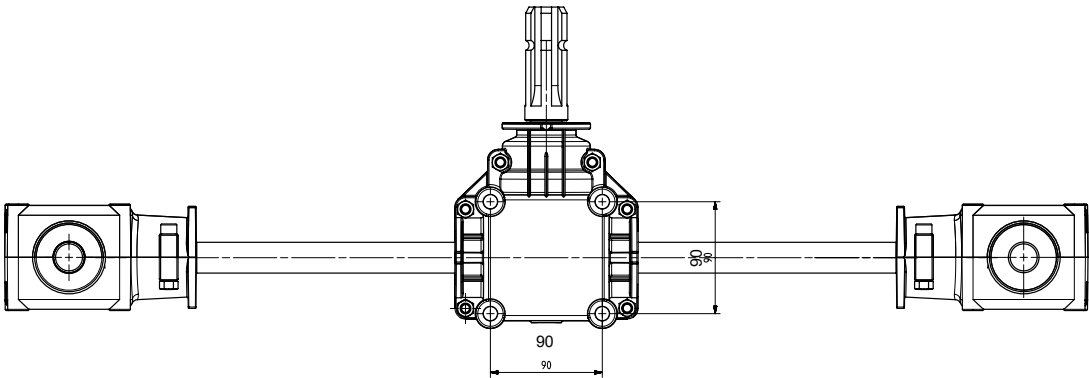
NUT	PRODUCT CODE	PLUG / ELBOW	PRODUCT CODE	O-RING	PRODUCT CODE
 Fastening nut 3/4"	221032	 Straight plug Ø12,5 fastened with a nut 3/4"	221018	 O-ring 13,3x2,4 PRO VERDESIL	226327
		 Elbow Ø 12,5/90° 3/4"	221025		
 Fastening nut 1"	221278	 Straight plug Ø12,5 - connector 1"	228642	 O-ring 19x3 PRO VERDESIL	228208
			Straight plug Ø16 - connector 1"		
			Straight plug Ø20 - connector 1"		
			Straight plug Ø25 - connector 1"		
		 Elbow Ø 12,5/90° 1"	228635		
			Elbow Ø 20/90° 1"		
			Elbow Ø 25/90° 1"		
		 Elbow Ø 25/30 1"	221285		
 Fastening nut 1 1/4"	221261	 Straight plug Ø25 - connector 1 1/4"	221322	 O-ring 25x3 PRO VERDESIL	221421
			Straight plug Ø32 - connector 1 1/4"		
		 Elbow Ø 25/90 1 1/4"	222015		
			Elbow Ø 32/90° 1 1/4"		
 Fastening nut 1 1/2"	220882	 Straight plug Ø25 - connector 1 1/2"	221995	 O-ring 30x3 PRO VERDESIL	227829
			Straight plug Ø32 - connector 1 1/2"		
		 Straight plug Ø40 - connector 1 1/2"	220851		
		 Elbow Ø 32/30° 1 1/2"	220844		
		 Elbow Ø 25/90° 1 1/2"	220790		
			Elbow Ø 32/90° 1 1/2"		
			Elbow Ø 40/90° 1 1/2"		
 Fastening nut 2"	220899	 Straight plug Ø40 - connector 2"	220868	 O-ring 35x3	49202
		 Straight plug Ø50 - connector 2"	227003		
		 Elbow Ø 50/90° 2"	220820		

PARTS FOR OTHER AGRICULTURAL MACHINERY

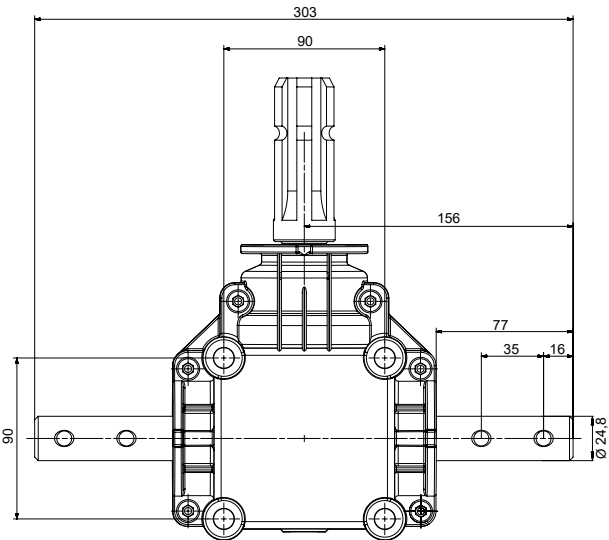
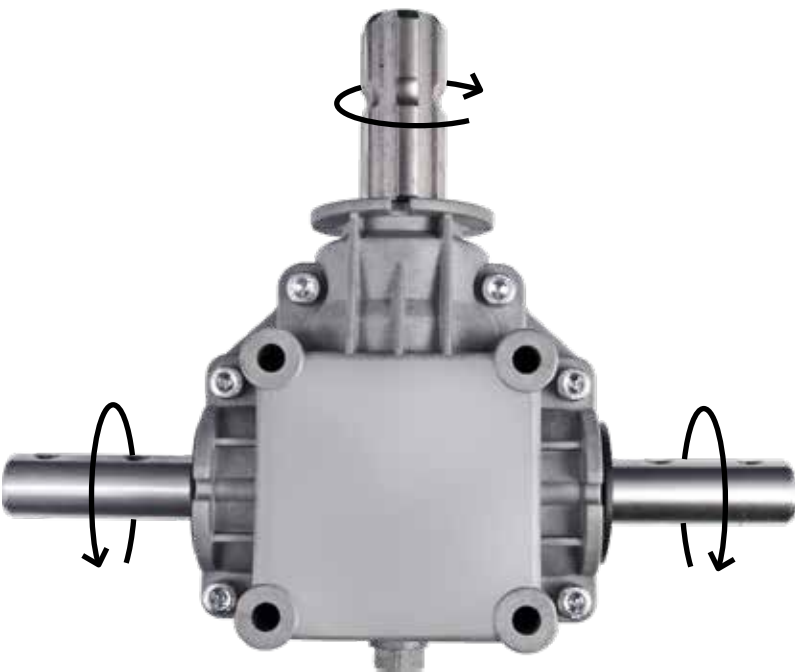
At Agroplast we carefully listen to our consumers. Based on their opinions and needs, we've created a special line of spare parts used in all sorts of agricultural machinery. All our parts are made of top quality materials, and the innovations and construction improvements that we implement, make our parts serve farmers' needs for long years.



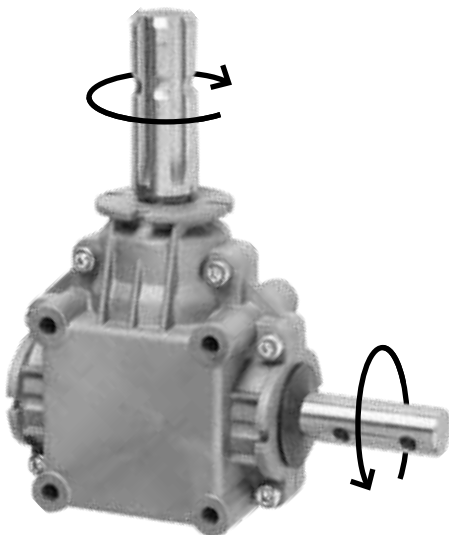
**FERTILIZER SPREADER
GEAR ASSEMBLY (1:1.5)
226976**



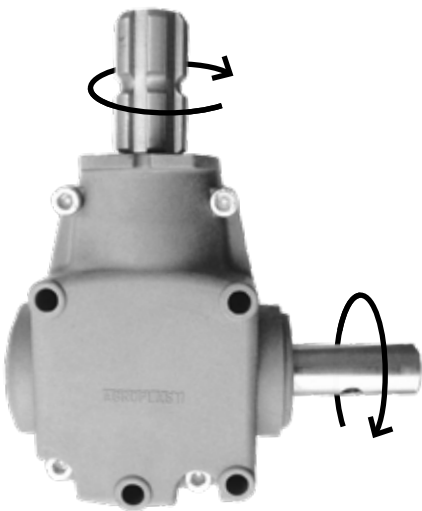
PARTS FOR OTHER AGRICULTURAL MACHINERY



**FERTILIZER SPREADER BEVEL
GEAR (1:1.5) TWO-WAY**
226969

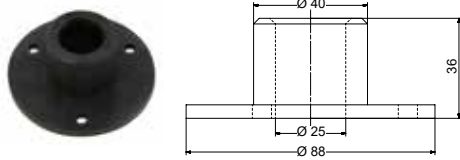


**FERTILIZER SPREADER
BEVEL GEAR 1:1.5**
224996



**FERTILIZER SPREADER
BEVEL GEAR**
221810

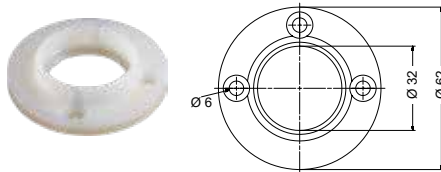
PARTS FOR OTHER AGRICULTURAL MACHINERY



Fertilizer spreader rotor bearing (side)
221827



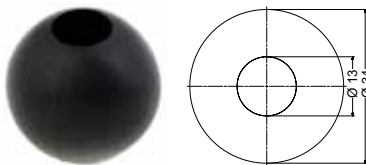
Gatherer bearing (Claas system)
221902



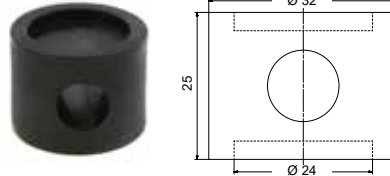
Sealer housing
222237



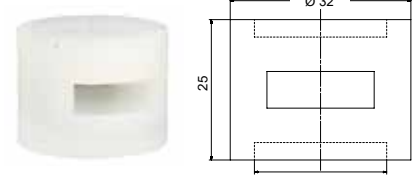
Stretchers pulley (SIPMA system)
226426



221841



221858



221865

Gatherer pin guide bar (Massey Ferguson, Claas and Volvo systems)



Section connection pipe seal
224989

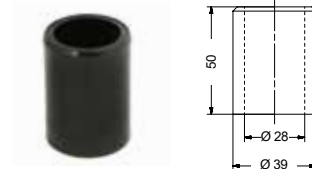


O-ring 13,3x2,4
226327

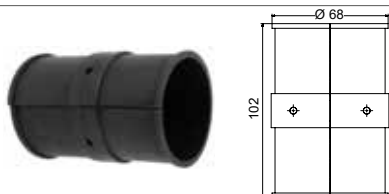
- Application:**
- Release elbow - all diameters
 - Section pressure filter
 - Agitator nozzle
 - Boom connector with a nut
 - Angular sideways agitator
 - Straight sideways agitator
 - Agitator T-pipe Ø12,5
 - Disjoint T-pipe Ø12,5
 - Fertilizer spreader bevel gear (1:1)



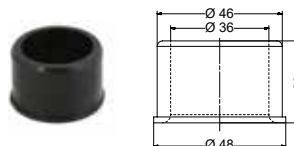
Plantator sleeve (OSEK system)
D=37,3mm, d=28mm L=50mm
225559



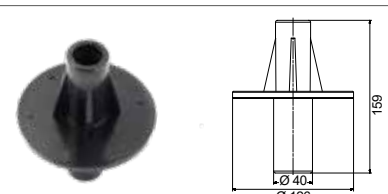
Cultivation aggregator sleeve (Osek)
D=38,7 mm, d=28 mm, L=50 mm
221896



Strecher sleeve (Claas system)
221872



Sleeve (Volvo)
221889



Sower's disc hub
220738



AGROPLAST

Since the start of the company in 1983, Agroplast has been continuously thriving in its pursuit for highest standard solutions in agricultural machinery. The company focused on building a vast range of components for spraying machines and over the years it has put a huge effort in developing its offer both in terms of variety of products, but most of all, in the ongoing improvement of the products' quality. This approach resulted in significant investments in technologies, automation of production and R&D, that enabled to place Agroplast among world's leading manufacturers of sprayer parts and components. Today, the company enjoys a proven record of premium quality products, confirmed by quality certificates issued by European standardizing authorities. Agroplast is a market leader among Polish producers of sprayer components, dynamically expanding its operations in Europe and worldwide.

At the same time we strongly believe that highest quality doesn't need to be highly overpriced. It is therefore become a mission for Agroplast to constantly challenge the industry with premium quality innovative solutions within the reach of most farmers, regardless of their country of origin or the farm size. This approach, combined with company's very long experience in the field of its specialisation, certified quality of its products and its country of origin, enabled us to launch a highly competitive offer in comparison to other producers out in the market.

Considering the company's long experience in the field of its specialisation, certified quality of its products as well as its country of origin, Agroplast's offer proves to be highly competitive in comparison to other sprayer components manufacturers in the market segment.





**QUALITY WITHIN
REACH**



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● КОВЕЛЬ

UKRAINE

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