

FILQUIP PTY LIMITED

VIGIFLUX®

MAGNETIC SEPARATORS



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components for your success

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SUMMARY

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AUTOMATED MAGNETIC SEPARATOR



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POSITION SWITCHES

INDUCTIVE SENSOR



MECHANICAL SWITCH



CONTROLS

90° PNEUMATIC CONTROL



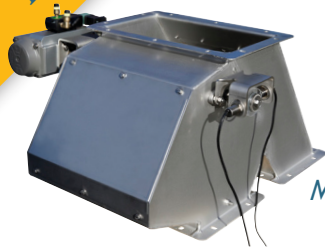
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TUBE MAGNETS



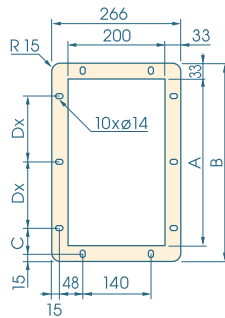
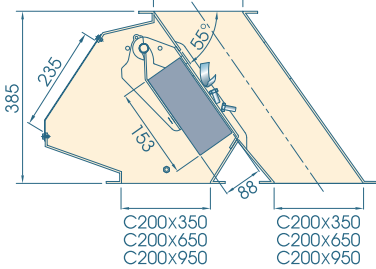
Protect your equipment

AUTOMATED MAGNETIC SEPARATOR



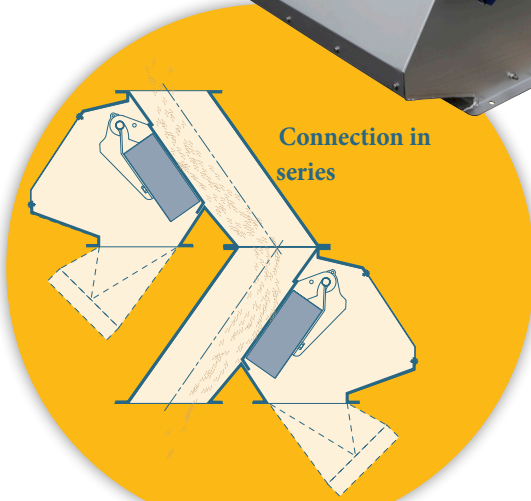
Magnetic Separator 200x350

C200x350 (100 m³/h)
C200x650 (200 m³/h)
C200x950 (300 m³/h)



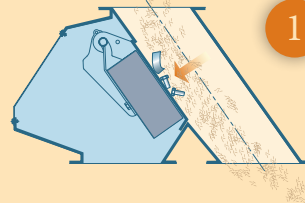
C200x350
C200x650
C200x950

Magnetic separator 200x650

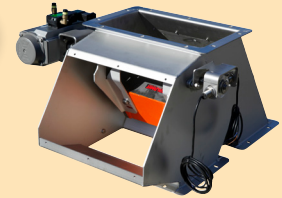


Connection in series

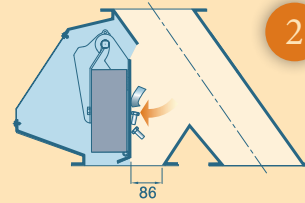
How it works



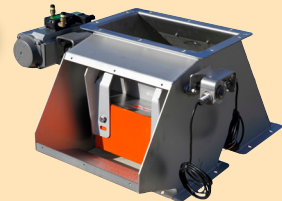
1



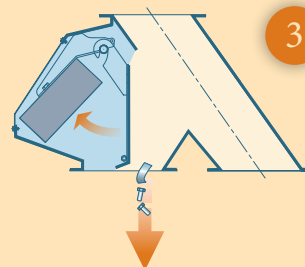
Magnetization of scrap metal during the product flow



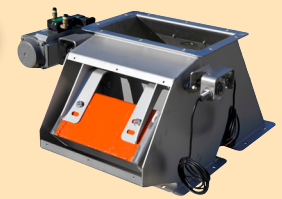
2



Opening of the stainless steel vertical flap with the scraps of metal still magnetized



3

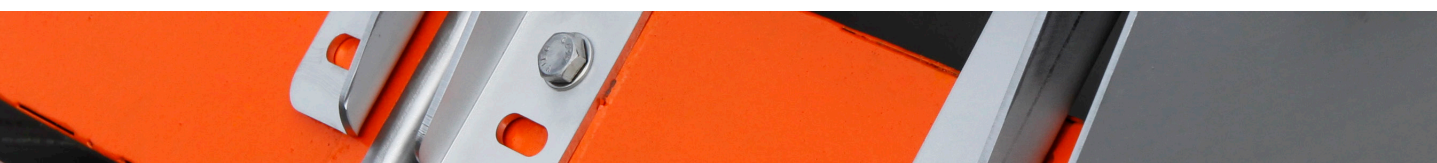


Demagnetization and draining of the scraps of metal by articulating the tube magnet to end of stroke

FERRITE PERMANENT MAGNET (Neodymium FerBore option):
Automatic cleaning, stainless steel manufacture. Control with pneumatic or electrical actuator

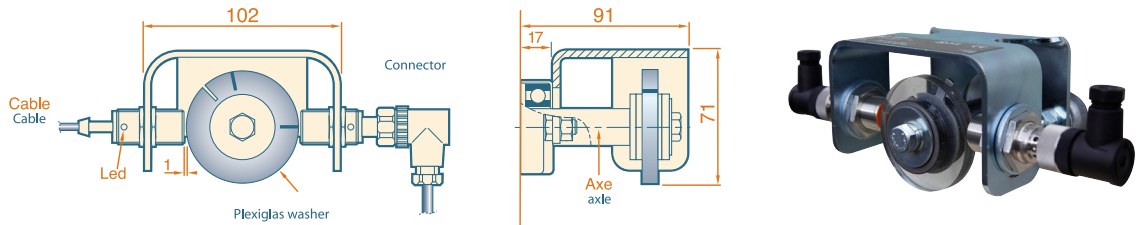
	A mm	B mm	C mm	Dx	Ep
200 x 350	350	416	53	2 x 140	3
200 x 650	650	716	58	3 x 190	3
200 x 950	950	1016	68	5 x 170	3

Non contractual document

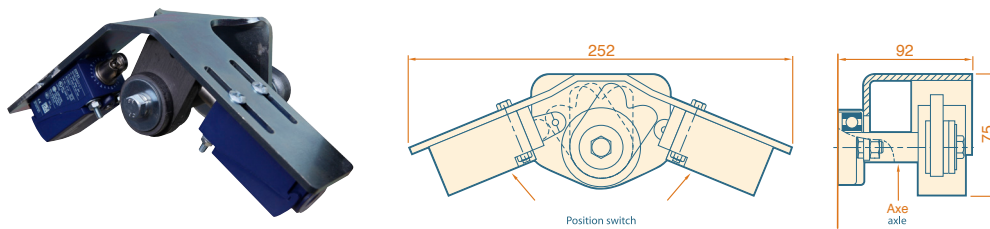


POSITION SWITCHES / Installed opposite the control. ATEX Zones 22 and 21

INDUCTIVE SENSOR / Delivered with cable or connector



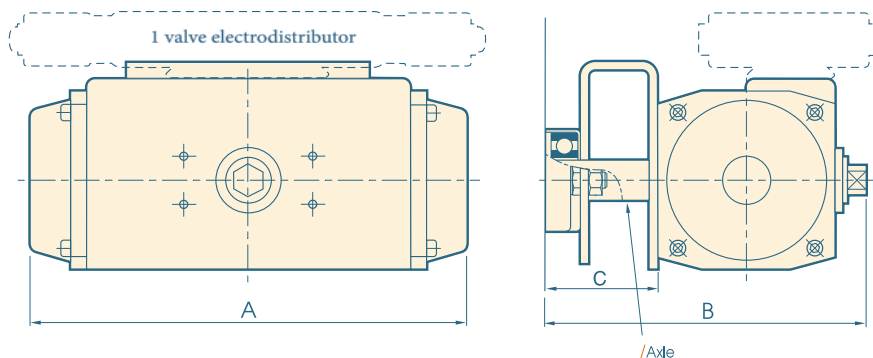
MECHANICAL SWITCH



CONTROL

90° PNEUMATIC CONTROL

- 1 valve electro distributor
- NAMUR installation sketch
- Standard voltage 48 V 50/60 Hz
- Other voltage upon request
- Air intake rislan tube D6/8, pressure 5,5 bar



□	TYPE	A mm	B mm	C mm	Nm (5,5 bar)
200x350	250 DA	247,5	224	89	101
200x650	300 DA	268,5	212	65	146
200x950	350 DA	247,5	224	89	2x 101



Protect your equipment

TUBE MAGNETS

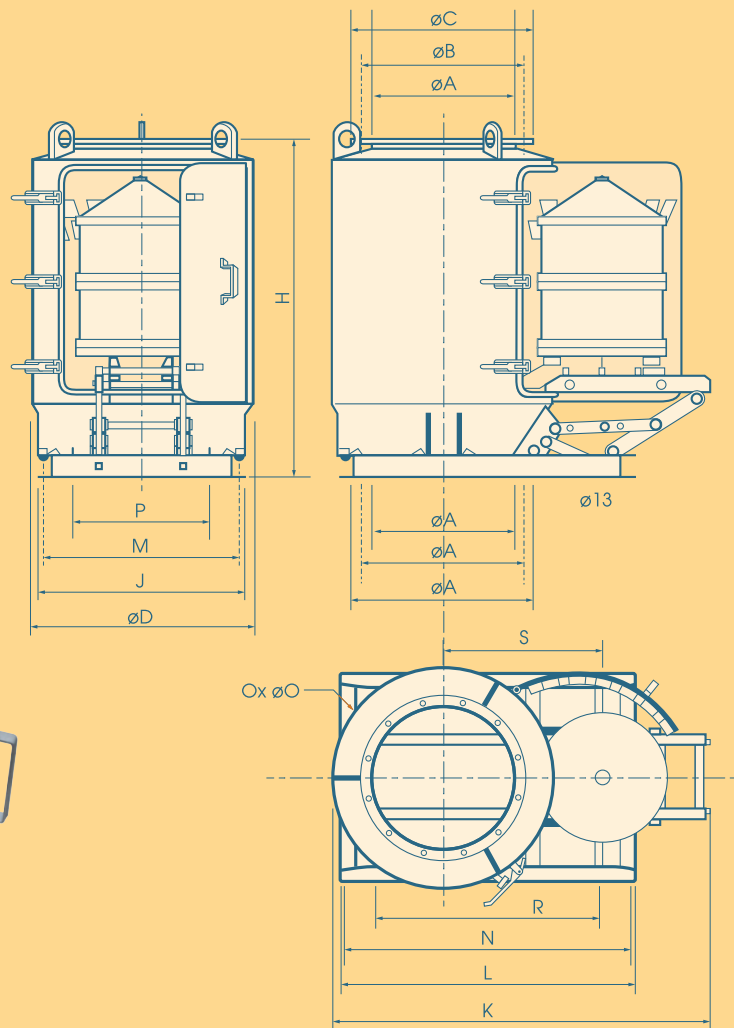
Trolley version for TMP Ø 400 to 600



Tube magnet closed



Tube magnet open

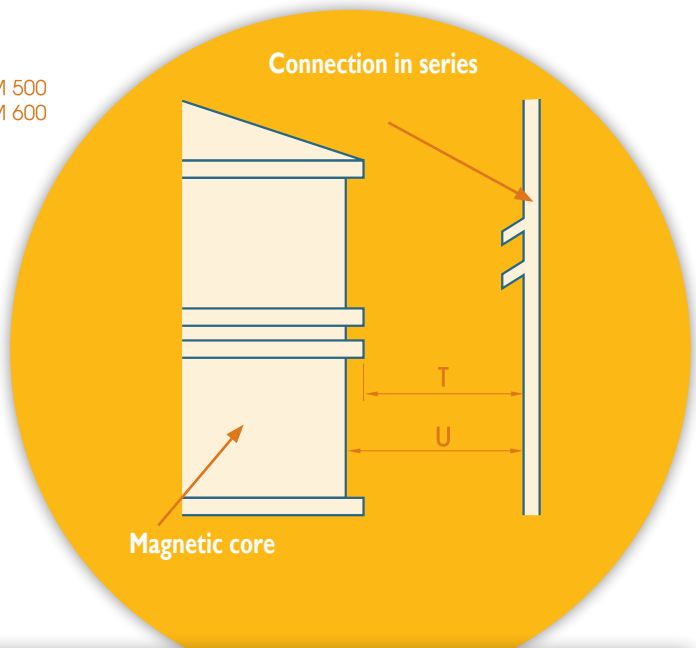
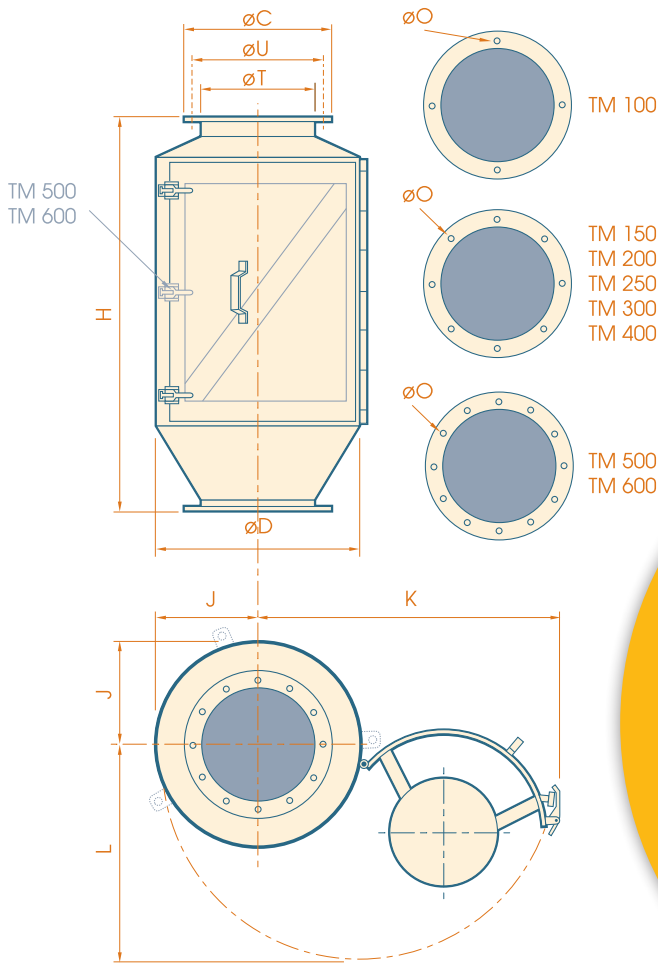


	TM	$\varnothing A$	$\varnothing B$	$\varnothing C$	$\varnothing D$	H	J	K	L	$\varnothing O$	Ox	M	N	P	R	S
Standard range	100	100	139	165	220	580	112	435	320	9,5	x4					
	150	150	200	225	275	655	139,5	515	380	11,5	x8					
	200	198	241	275	345	760	175,5	625	455	11,5	x8					
	250	248	292	325	430	850	218	750	550	11,5	x8					
	300	298	366	395	485	880	245,5	840	630	11,5	x8					
Made to order	400	400	432	484	600	1100	640	1120	940	11,5	x12	610	910	390	690	460
	500	500	532	584	780	1200	736	1335	1041	11,5	x12	706	1011	486	791	760
	600	600	642	700	935	1450	830	1575	1142	14	x12	800	1112	580	892	680

Non contractual document



TUBE MAGNETS



TM	Capacity	Weight	T	U
100	10 m ³ /h	23 kg	37,5 mm	42 mm
150	35 m ³ /h	38 kg	42,5 mm	50 mm
200	85 m ³ /h	70 kg	40 mm	52,5 mm
250	130 m ³ /h	115 kg	65 mm	77,5 mm
300	200 m ³ /h	145 kg	62,5 mm	74,5 mm
400	260 m ³ /h	275 kg	75 mm	90 mm
500	310 m ³ /h	460 kg	114 mm	129 mm
600	400 m ³ /h	610 kg	142 mm	157 mm

FERRITE PERMANENT MAGNET (Neodymium FerBore option):
Manual cleaning, stainless steel construction

