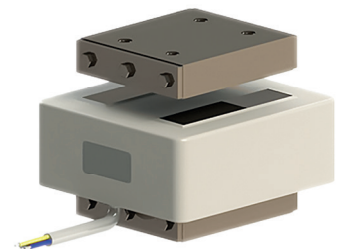
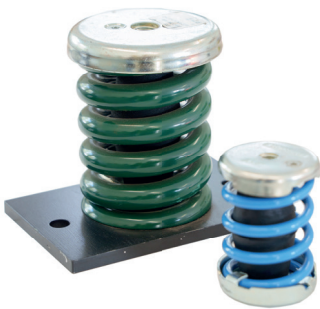


VI-AN SPARE PART CATALOGUE



Spare parts for dosing channels, vibrating tables, sifting machines, sorting machines, aligners and vibration conveyors

WELCOME TO VI-AN

VI-AN - a strong brand of the Heckmann Group

In a span of 50 years, the Heckmann Group grew from a small repair shop with three employees to a medium-sized family-owned company with now nine sites and more than 550 employees. The Heckmann Group has proven to be a reliable partner for the secondary industry in the fields steel and metal engineering, mechanical and plant engineering as well as production and process technology. Hereby, the Heckmann Group provides services ranging from planning and development via manufacturing and delivery to continuous maintenance and service.

The Heckmann Group stands for quality, precision and innovation. Our work is determined by a variety of fields of activity, certifications and customers in various industries worldwide.

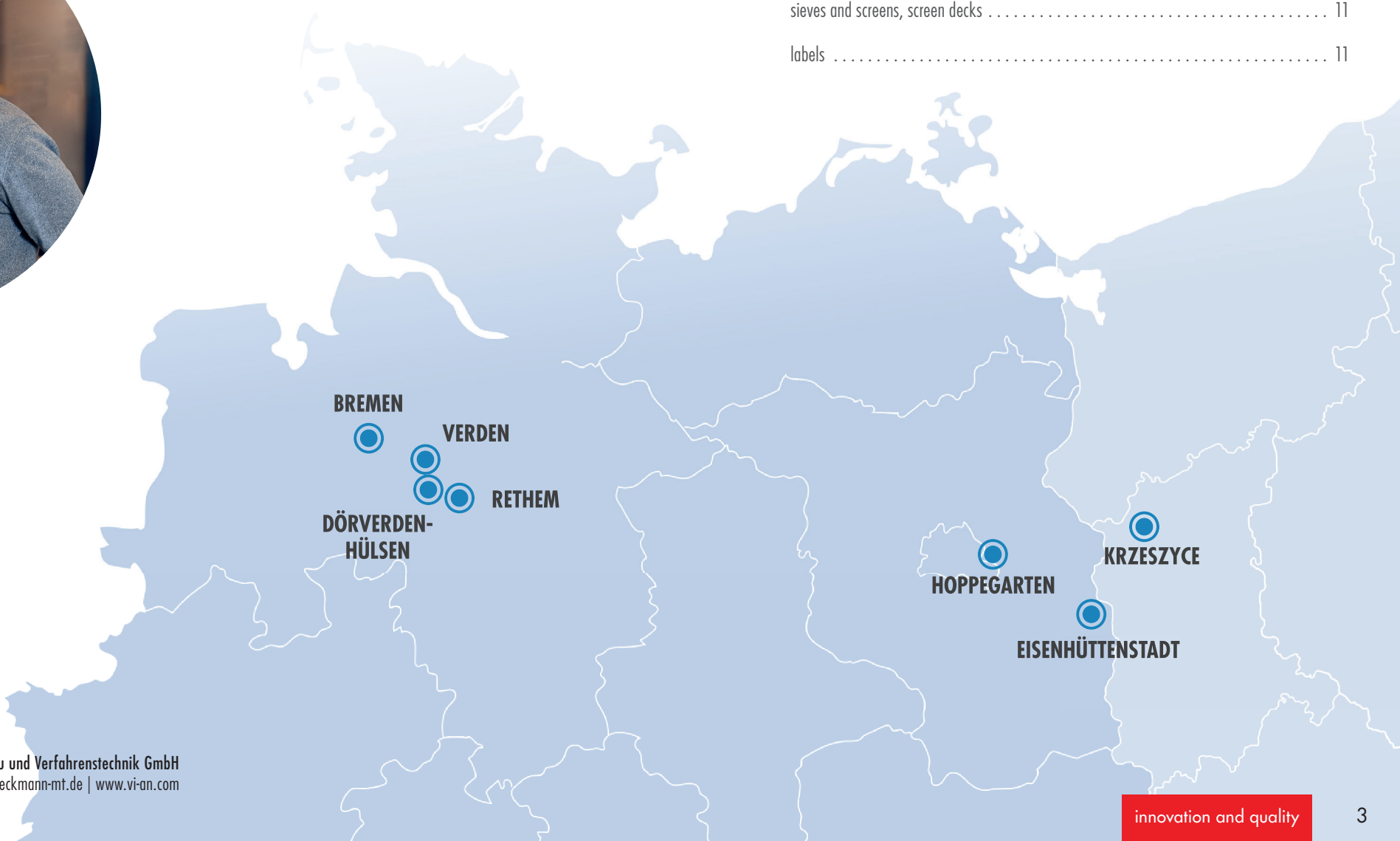
Headquartered in HülSEN (Dörverden) in North Germany, VI-AN has been part of the Heckmann Group since 2016, specialising in machinery and plant engineering for the processing of bulk materials. Under this established brandname, the Heckmann Group supplies dosing channels, vibrating tables, sifting machines, sorting machines, aligners and vibration conveyors as well as the respective spare parts



Heinz and
Henning Heckmann

VI-AN SPARE PART CATALOGUE 2024

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LEAF SPRINGS

- Made from fibre composite material
- Tested long-term strength
- May be used in almost all areas
- Standardised spring sizes
- Custom sizes available
- Calculation in order to determine the right spring for you



Type	Colour	Dimensions [mm]	Connection [mm]	Part Number
Standard*, **	yellow	25 x 260 x 4	2x D9	6010002001
		40 x 110 x 4	4x D8,5	6010002010
		50 x 200 x 3	4x D8,5	6010002003
		50 x 260 x 6	4x D8,5	6010002015
		50 x 300 x 11	4x D8,5 vertical	6010002012
		50 x 260 x 6	4x D10,5	6010002005
		100 x 210 x 6	6x D10,5	6010002013
		120 x 260 x 6	6x D10,5	6010002017
Food industry*	blue	25 x 260 x 4	2x D9	6010002009
		40 x 110 x 4	4x D8,5	6010002002
		50 x 200 x 3	4x D8,5	6010002011
		50 x 260 x 6	4x D8,5	6010002014
		50 x 300 x 11	4x D8,5 vertical	6010002006
		50 x 260 x 6	4x D10,5	6010002004
		100 x 210 x 6	6x D10,5	6010002007
		120 x 260 x 6	6x D10,5	6010002016

Tissue platelets:

Type	Colour	Dimensions [mm]	Connection [mm]	Part Number
Standard*, **	yellow	25 x 53 x 1	1x D9	6010002108
		40 x 50 x 1	2x D8,5	6010002113
		50 x 50 x 1	2x D8,5	6010002104
		50 x 50 x 1	2x D10,5	6010002105
		100 x 50 x 1	3x D10,5	6010002107
		120 x 50 x 1	3x D10,5	6010002111
Food industry*	blue	25 x 53 x 1	1x D9	6010002109
		40 x 50 x 1	2x D8,5	6010002112
		50 x 50 x 1	2x D8,5	6010002102
		50 x 50 x 1	2x D10,5	6010002103
		100 x 50 x 1	3x D10,5	6010002106
		120 x 50 x 1	3x D10,5	6010002110

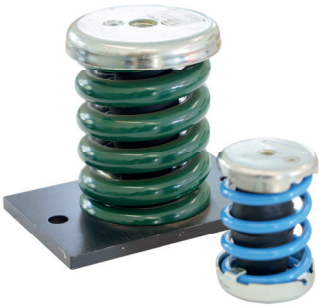
* Also available made from carbon composite material, which provides 3x higher elasticity.
**Also available as a high temperature variant (up to 160°C)

Earth Straps:

Type	Dimensions / Connections	Part Number
Stainless steel	Dimensions and connections based upon the leaf spring used	60100023xx

COIL SPRINGS

- Increase the lifespan of the machine
- Absorb vibrations and noise
- Prevent transfer of vibrations into adjacent objects
- black, blue, grey, beige, white, light grey, green



Type	Colour	Connection	Connection [mm]	Part Number
AMC 25	black	M8	25 Kg	6010004025
AMC 50	boe	M8	50 Kg	6010004050
AMC 75	grey	M8	75 Kg	6010004075
AMC 100	beige	M8	100 Kg	6010004100
AMC 125	white	M8	125 Kg	6010004125
AMC 150	blue	M12	150 Kg	6010004150
AMC 200	white	M12	200 Kg	6010004200
AMC 250	black	M12	250 Kg	6010004250
AMC 350	beige	M12	350 Kg	6010004350
AMC 500	light grey	M14	500 Kg	6010004500
AMC 750	green	M14	750 Kg	6010004750

RUBBER BUMPERS

- Material: Natural rubber and stainless steel
- Temperature-resistant up to 80°C
- Alternative rubber bumper sizes available upon request



Soft:

Dimensions [DxH] mm	Max. Load [N]	Connection	Shape	Part Number
30 x 30	500	M8	EE	6010008331-EE
			ES	6010008331-ES
			SS	6010008331-SS
30 x 40	630	M8	EE	6010008341-EE
			ES	6010008341-ES
			SS	6010008341-SS
50 x 50	1500	M10	EE	6010008551-EE
			ES	6010008551-ES
			SS	6010008551-SS

Medium:

Dimensions [DxH] mm	Max. Load [N]	Connection	Shape	Part Number
30 x 30	1050	M8	EE	6010008332-EE
			ES	6010008332-ES
			SS	6010008332-SS
30 x 40	930	M8	EE	6010008342-EE
			ES	6010008342-ES
			SS	6010008342-SS
50 x 50	2190	M10	EE	6010008552-EE
			ES	6010008552-ES
			SS	6010008552-SS

Hard:

Dimensions [DxH] mm	Max. Load [N]	Connection	Shape	Part Number
30 x 30	490 / EE 1960	M8	EE	6010008333-EE
			ES	6010008333-ES
			SS	6010008333-SS
30 x 40	2000	M8	EE	6010008343-EE
			ES	6010008343-ES
			SS	6010008343-SS
50 x 50	4750	M10	EE	6010008553-EE
			ES	6010008553-ES
			SS	6010008553-SS

QUICK RELEASE CLAMPS

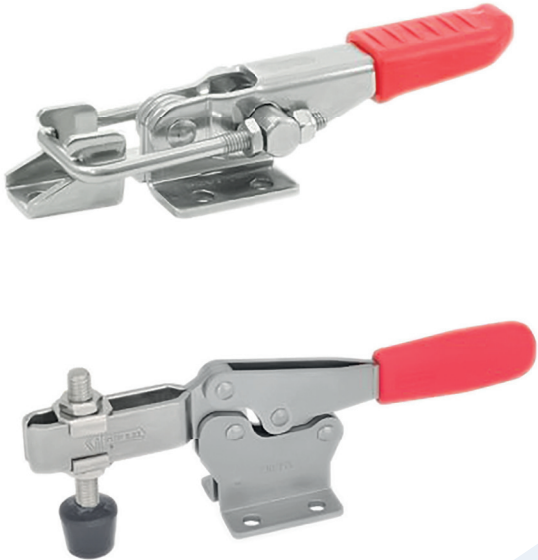
We will offer you the matching quick release clamps upon request.

We are able to provide with all sorts of different models on short notice.

We would be pleased to offer you advice.

- Tension lever vertical
- Tension lever horizontal
- Connecting rod tension device
- Turnbuckle

- Alle versions available in:
- Various sizes
 - made from steel or stainless steel
 - with or without lock
 - Full material (heavy version)



SEALS AND GASKETS

Feel free to contact us and we will find the right seal or gasket for your application.

Whether for the food industry, agrarian use, automotive use or raw material processing

UNBALANCE MOTORS

- Wide range of applications
- Maintenance-free = Lifetime lubrication
- High degree of reliability and durability
- Adjustable excentric mass allows for easy calibrating
- Suitable for use in rough and challenging environments IP66
- High quality materials and components
- For frequently used motors, see the table below.
- Other types and custom models are available upon request.



Type	Poles	Frequency	Voltage	Rpm	Output	Art. Nummer
MVE 500-3	2	50 Hz	400 V	3000/min	0,50 kW	6010005052
MVE 700-3	2	50 Hz	400 V	3000/min	0,59 kW	6010005072

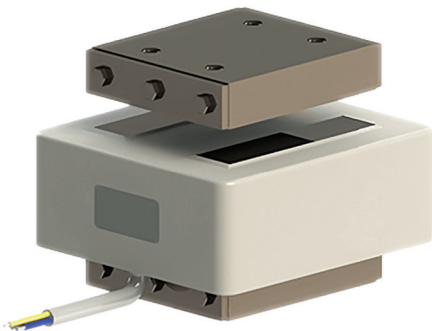
Type	Poles	Frequency	Voltage	Rpm	Output	Art. Nummer
MVE 200-15	4	50 Hz	400 V	1500/min	0,12 kW	6010005024
MVE 400-15	4	50 Hz	400 V	1500/min	0,27 kW	6010005044
MVE 500-15	4	50 Hz	400 V	1500/min	0,35 kW	6010005054
MVE 1400-15	4	50 Hz	400 V	1500/min	0,70 kW	6010005144
MVE 2400-15	4	50 Hz	400 V	1500/min	1,57 kW	6010005244

Type	Poles	Frequency	Voltage	Rpm	Output	Art. Nummer
MVE 200-1	6	50 Hz	400 V	1000/min	0,15 kW	6010005026
MVE 300-1	6	50 Hz	400 V	1000/min	0,25 kW	6010005036
MVE 500-1	6	50 Hz	400 V	1000/min	0,55 kW	6010005056
MVE 1600-1	6	50 Hz	400 V	1000/min	0,90 kW	6010005166

Type	Poles	Frequency	Voltage	Rpm	Output	Art. Nummer
MVE 150-075	8	50 Hz	400 V	750/min	0,23 kW	6010005158

OSCILLATING SOLENOIDS

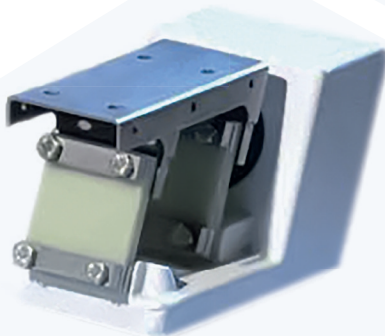
- Nickel-plated, full grouting
- Connection via threaded hole
- Connection cables shielded below
- Suitable for low frequency use
- Other versions available upon request.



Type WI...	Nominal current at 230V [A]	Max. nominal air gap	Peak traction at nominal air gap [N]	Weight [Kg]	Part Number
121/10	1,2	2,5 mm	229	2,44	601000612110
421/10	0,68	2,5 mm	128	2,44	601000642110
421/12	1,3	3 mm	264	3,42	601000642112
421/14	3,25	3 mm	570	8,35	601000642114
421/16	5,5	3 mm	1400	13,1	601000642116
421/18	8,8	3 mm	2900	37	601000642118

SMALL CONVEYOR DRIVES

- Compact design
- Enclosed electromagnetic unit
- Protection class IP67
- LEX-type with polyurethane coating (as required for FDA approval)
- LEV-type standard, powder-coated



Type	Power	Protection class	Max. trough weight*	Conveyor capacity**	FDA approval	Part Number
Lev 1	13 W	IP 67	1,5 Kg	0,6 t/h		6010007001
Lex 1	13 W	IP 67	1,5 Kg	0,6 t/h	X	6010007011
Lev 2	37 W	IP 67	3,0 Kg	2 t/h		6010007002
Lex 2	37 W	IP 67	3,0 Kg	2 t/h	X	6010007022
Lev 3	40 W	IP 67	7,5 Kg	5 t/h		6010007003
Lex 3	40 W	IP 67	7,5 Kg	5 t/h	X	6010007033
Lev 4	68 W	IP 67	10 Kg	7 t/h		6010007004
Lex 4	68 W	IP 67	10 Kg	7 t/h	x	6010007044

* Without load
**refers to dry sand

CONTROL SYSTEMS

- MFS frequency converter:
- For installation inside a suitable control cabinet
 - Operated via keys and an LCD display
 - Drive frequency continuously adjustable
 - Automatic frequency scan and tracking in connection with sensor SW41
 - Perfect for oscillating solenoid drives

Type	Input voltage	Output voltage	Protection class	Part Number
REOVIB MFS 268	110/230V	3 A	IP 20	6010006203
REOVIB MFS 268	110/230V	6 A	IP 20	6010006206
REOVIB MFS 268	110/230V	8 A	IP 20	6010006208
REOVIB MFS 268	110/230V	16 A	IP 20	6010006216
REOVIB MFS 268	115/230V	32 A	IP 20	6010006232

- SMART phase angle control:
- Inexpensive with the most important functions
- RPM adjustable via potentiometer
- Perfectly suited for small conveyor drives
- Oscillating frequency 50 to 100Hz
- Output voltage 40 bis 210V

Type	Input voltage	Output voltage	Protection class	Part Number
SMART	110/230V switchable	6A	IP 54	6010006954

Type	Input voltage	Output voltage	Protection class	Part Number
SMART	110/230V switchable	6A	IP 20	6010006920

Type	Input voltage	Output voltage	Protection class	Part Number
SMART single	110/230V switchable	6A	IP00	6010006900



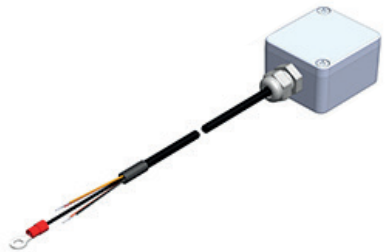
SENSORS

- Sensors for measuring acceleration in a range of 0...35g
- All components installed in a moulded aluminium casing
- Plug & Play functionality with REOVIB MFS 268/368

Type	Input voltage	Output voltage	Protection class	Part Number
SW 41	10m	Open ended cables	IP65	6010006041

- Mechanical holder for the sensor
- Attached via the leaf spring packet

Type	Material	Dimensions / Connection	Part Number
Sensor holder	stainless steel	Give leaf spring dimensions/connection	6010006xxx

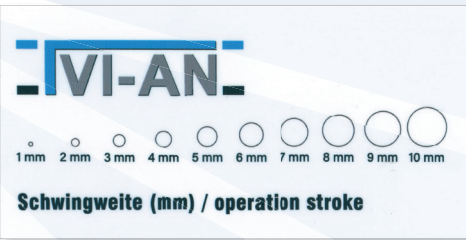


SIEVES, SCREENS AND SCREEN DECKS

Feel free to contact us. We are always pleased to help you, regardless of the area of employment:
Ob for the food industry, chemical, agrarian, automotive or raw materials – we will find the right product for you.

LABELS

Typ	Part Number
Amplitude	601000002
VI-AN	601000001





**A BRAND OF THE HECKMANN MASCHINENBAU
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