

STM

High-performance magnetic separation for maximum purity!

The Lenoir-Mec magnetic drum (STM) is used in several industries:

- Recycling and waste recovery
- Wood treatment
- Cement plant and foundry
- Chemical industry
- Glass & Plastics Industry

GENERAL CHARACTERISTICS

- Robust magnetic drum: designed for continuous use.
- High-performance magnets: available in ferrite or neodymium for suitable power.
- Self-cleaning system: separation without manual intervention.
- Flexible installation: adaptable to conveyors, vibrating chutes and hoppers.

OPERATING PRINCIPLE

- The magnetic drum separator uses a powerful magnetic field to capture ferromagnetic particles in bulk materials:
- Attraction of metallic particles: ferrous elements are held by the magnetic field.
- Gravitational separation: non-magnetic materials fall naturally.
- Extraction of ferromagnetics: the contaminants are released into a second chute.

BENEFITS



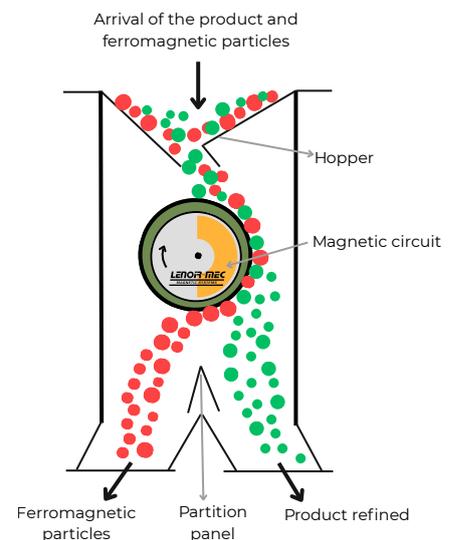
Engine guaranteed for 2 years



Continuous and automatic operation



Continuous operation without interruption of flow



TYPE	L	I	P	H	A	D	N	Gearmotor power (W)	Speed rpm	Flow rate (m ³ /h)
STM 20/25	250				445	130,5	2	250	40	4
STM 20/36	365				560	134,5	4			5
STM 20/41	415				610	98	6			6
STM 20/46	465				660	119	4			7
STM 20/56	565	520	354	568	760	123	6			8.5
STM 20/61	615				810	98,5	8			10
STM 20/71	715				910	121	6			11.5
STM 20/86	865				1060	109,5	6			13
STM 20/101	1015				1210	99	12			14.5
STM 20/116	1165				1360	115,5	12			18.5
STM 31/31	315				529	151,5	1	400	35	30
STM 31/36	365				579	176,5	1			34
STM 31/41	415				629	126,5	1			40
STM 31/46	465				679	126,5	2			43
STM 31/56	565				779	176,5	2			50
STM 31/61	615				829	210,5	2			57
STM 31/71	715	590	524	870	929	151,5	3			66
STM 31/86	865				1079	126,5	4			80
STM 31/101	1015				1229	201,5	4			108
STM 31/116	1165				1379	176,5	5			122
STM 31/136	1365				1579	176,5	6			136
STM 31/146	1465				1679	126,5	7			150
STM 31/166	1665				1879	126,5	5			164
STM 40/36	365				593	83,5	2	750	35	34
STM 40/41	415				643	108,5	2			40
STM 40/46	465				693	133,5	2			43
STM 40/56	565				793	83,5	3			50
STM 40/61	615				843	108,5	3			57
STM 40/71	715				943	158,5	3			66
STM 40/86	865	826	614	995	1093	133,5	4			80
STM 40/96	965				1193	83,5	5			94
STM 40/101	1015				1243	108,5	5			108
STM 40/116	1165				1393	83,5	6			122
STM 40/136	1365				1593	83,5	7			136
STM 40/146	1465				1693	133,5	7			150
STM 40/166	1665				1893	133,5	8			164
STM 50/46	465				755	155,5	2	1100	30	66
STM 50/56	565				855	205,5	2			80
STM 50/61	615				905	130,5	3			88
STM 50/71	715				1005	180,5	3			100
STM 50/86	865				1155	155,5	4			122
STM 50/101	1015	1036	758	1220	1305	230,5	4			144
STM 50/116	1165				1455	205,5	5			165
STM 50/136	1365				1655	205,5	6			195
STM 50/146	1465				1755	155,5	7			208
STM 50/166	1665				1955	155,5	8			238
STM 63/61	615				905	130,5	3	1500	25	110
STM 63/71	715				1005	180,5	3			127
STM 63/86	865				1155	155,5	4			154
STM 63/101	1015				1305	130,5	4			180
STM 63/116	1165	1176	916	1440	1455	205,5	5			208
STM 63/136	1365				1655	205,5	6			240
STM 63/146	1465				1755	155,5	7			260
STM 63/166	1665				1955	155,5	8			400
STM 63/186	1865				2155	155,5	9			440

Dimensions and flow rates given are indicative only and subject to change.

