STM

High-performance magnetic separation for maximum purity!

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

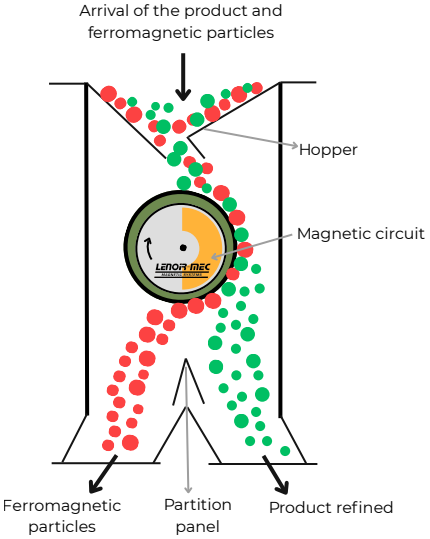
- Recycling and waste recovery
- Wood treatment
- Cement plant and foundry
- Chemical industry
- Glass & Plastics Industry

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	E	N	Gearmotor power (W)	Speed rpm	Flow rate (m^3/h)
STM 20/25	250				445	130,5	81	2			4
STM 20/36	365				560	134,5	134,5	4			5
STM 20/41	415				610	98	98	6			6
STM 20/46	465				660	119	81	4			7
STM 20/56	565	520	354	568	760	123	123	6	250	40	8.5
STM 20/61	615				810	98,5	98,5	8			10
STM 20/71	715				910	121	81	6			11.5
STM 20/86	865				1060	109,5	81	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			19
STM 31/36	365				579	176,5	380,5	1			19
STM 31/41	415				629	126,5	480,5	1			22
STM 31/46	465				679	126,5	404	2			24
STM 31/56	565				779	176,5	404	2			30
STM 31/61	615				829	210,5	386	2			32
STM 31/71	665	590	524	870	879	126,5	477,5	3	400	35	37
STM 31/86	715				929	151,5	452,5	3			45
STM 31/101	765				979	176,5	427,5	3			53
STM 31/116	865				1079	126,5	551	4			60
STM 31/136	965				1179	176,5	451	4			68
STM 31/146	1015				1229	201,5	401	4			76
STM 31/166	1165				1409	176,5	574,5	5			85
STM 40/36	365				593	83,5	404	2			34
STM 40/41	415				643	108,5	404	2			40
STM 40/46	465				693	133,5	404	2			43
STM 40/56	565				793	83,5	520,5	3			50
STM 40/61	615				843	108,5	495,5	3			57
STM 40/71	715				943	158,5	445,5	3			66
STM 40/86	865	826	614	995	1093	133,5	540	4	750	35	80
STM 40/96	965				1193	83,5	753,5	5			94
STM 40/101	1015				1243	108,5	678,5	5			108
STM 40/116	1165				1393	83,5	870	6			122
STM 40/136	1365				1693		1671	6			136
STM 40/146	1465				1843		1821	6			150
STM 40/166	1665				2143		2121	6			164
STM 50/46	465				755	155,5	422	2			66
STM 50/56	565				855	205,5	422	2			80
STM 50/61	615				905	130,5	491,5	3			88
STM 50/71	715				1005	180,5	441,5	3			100
STM 50/86	865				1155	155,5	511	4			122
STM 50/101	1015	1036	758	1220	1305	230,5	361	4	1100	30	144
STM 50/116	1165				1455	205,5	405,5	5			165
STM 50/136	1365				1655	205,5	400	6			195
STM 50/146	1465				1755		1733	6			208
STM 50/166	1665				1955		1933	6			238
STM 63/61	615				905	130.5	491.5	3			110
STM 63/71	715				1005	180.5	441.5	3			127
STM 63/86	865				1155	155.5	511	4			154
STM 63/101	1015				1305	130.5	761	4			180
STM 63/116	1165	1176	916	1440	1455	205.5	405.5	5	1500	25	208
STM 63/136	1365				1655	205.5	400	6			240
STM 63/146	1465				1755	155.5	644.5	7			260
STM 63/166	1665				1955		1933				400
STM 63/186	1865				2090	178	644	8			440

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

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