

MBF SERIES

BELT FEEDERS



FOR THE TOUGHEST WORKING CONDITIONS

› DURABLE › RELIABLE › EFFICIENT

MEKA
www.mekaglobal.com

REGULAR FEED, MAXIMUM PLANT EFFICIENCY

MEKA Belt Feeders ensure that materials are fed from one equipment to another at various stages of the crushing plants in a regular manner and at the desired capacities. Offering an efficient material flow, these systems optimize production processes by increasing the overall performance of the plant.

The belt feeder consists of a rubber belt supported by a drive unit and rollers. The carrying and return rollers are horizontal and the conveyor rollers are close together. This design is built to match the length and width of the belt and ensures smooth and controlled feeding of the material.

Electric motors and gearboxes are generally used for the drive system. With heavy-duty motorized gearboxes, the efficiency of the system is increased by providing maximum power transfer. With its durable construction, low operating costs and ease of maintenance, MEKA Belt Feeders offer a reliable feeding solution for crushing plants.

The required belt speed is determined at the design stage using the appropriate drive equipment and the feeding capacity can be adjusted with an optional frequency converter. Heavy-duty motorized gearboxes maximize the use of motor power. Easy operation and maintenance is ensured with lubrication-free bearings and grease-lubricated roller bearings.



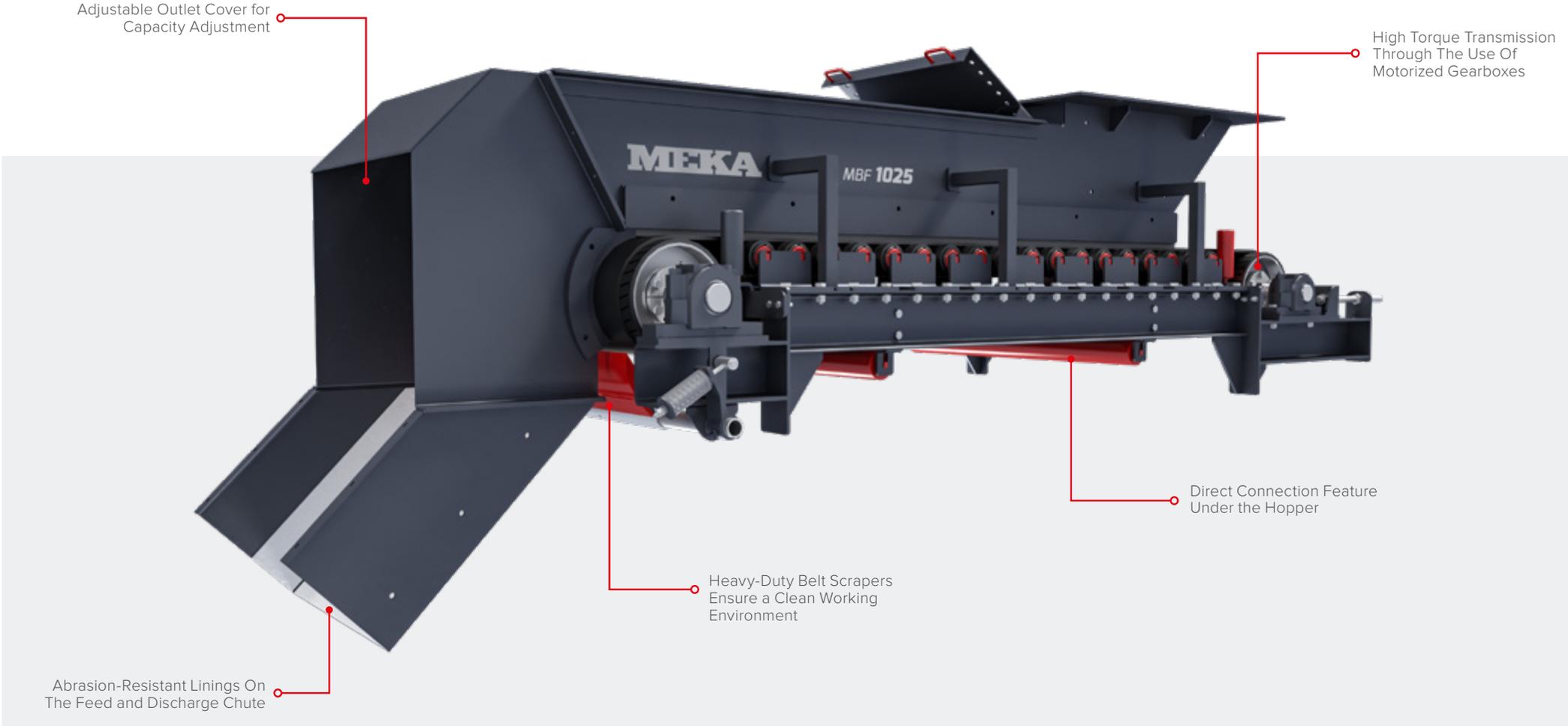
GENERAL APPLICATION AREAS

Belt Feeders are designed for the most severe working conditions and are suitable for long-term, efficient operation.

They are used in Mining and Aggregate Production Plants to feed material from intermediate hoppers to crushers, screens and conveyors regularly and at desired capacities.



READY FOR THE HEAVIEST WORKLOADS WITH EVERY DETAIL



WHY MEKA BELT FEEDERS?

HEAVY DUTY DESIGN

The rugged design and features such as robust heavy-duty rollers, frames, abrasion resistant liners and chute work help significantly increase service life.

EASE OF MAINTENANCE

Components are easy to access, which simplifies the maintenance process, so spare and wear parts can be quickly and easily replaced with minimal downtime.

VERSATILITY

- Belt speed range: 0.01 - 0.6 m/s (i.e. adjusted when drive components selected), or with optional frequency converter)
- Material height adjusting gate range: selected based on the biggest lump size of the handled material and can be adjusted typically 75 - 120 mm from factory preset value
- Installation inclination: standard horizontal,
- Mounted from structures above



DRIVE

- Power transmission through bevel hollow shaft gear, or planetary gear directly from motor
- Oil bath lubrication in gearbox, idlers prelubricated for lifetime, housings grease lubrication
- Belt tightening is maintained by screw take-up device,

TECHNICAL SPECIFICATIONS



SPECIFICATIONS

		MBF 6525	MBF 8025	MBF 1025	MBF 1225
WidthxLength	mm x mm	650x2500	800x2500	1000x2500	1200x2500
	inch x feet	26"x8'	31"x8'	40"x8'	48"x8'
Power	kW	3	4	5,5	7,5
	HP	4	5,3	7,4	10
*Capacity	mtph	250	350	450	550
	stph	272	385	495	606
Belt Speed	m/sec	0,35	0,35	0,35	0,35
	fpm	70	70	70	70
Max Feed Size	mm	100	150	150	150
	inch	4"	6"	6"	6"

** At specified inclination and for material weighing 1.6 t/m³ or 100 lbs/ft³. Capacity values are indicative only and depend not only on feeder size but also on feeder inclination, feed gradation, etc. Other sizes are also available on request..*

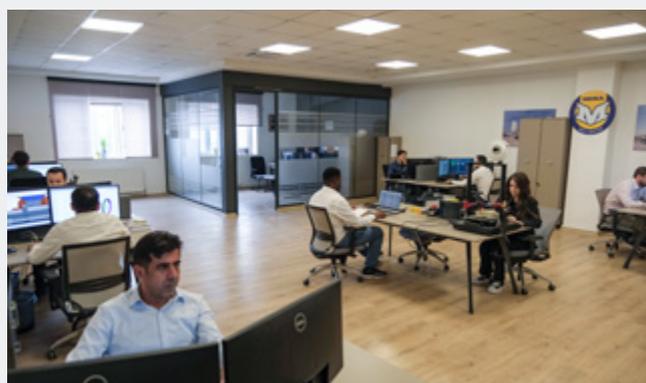
TRUSTED BRAND
IN MORE THAN
38 YEARS



THE CHOICE OF PROFESSIONALS IN MORE THAN 110 COUNTRIES: **MEKA**

MEKA has a global capacity with more than 80 engineers, nearly 500 employees and experience of producing more than 4500 complete plants. With 5 separate production facilities and a worldwide service network, MEKA is a reliable manufacturer.

With its after-sales services network and strong infrastructure in spare parts, MEKA does not only produce equipment or plants, but also offers you the comfort of predictable production and uninterrupted earnings.





Reliable Solutions for
Aggregate Production, Mining,
Recycling and Ready Mixed
Concrete Industries



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