

Technical information

MOBIBELT MBT 20(i) MOBIBELT MBT 24(i)



Track-mounted stackers

For use in natural stone and recycling

MOBIBELT

Series

HIGHLIGHTS

- > Generously dimensioned feed hopper
- > H-DRIVE diesel-hydraulic drive concept, external power supply (optional)
- > Simple operation thanks to SPECTIVE operating position and local control elements
- > Hydraulically adjustable feeding and discharge height

Mobile stackers MOBIBELT

The MOBIBELT MBT 20(i)/MBT 24(i) mobile stackers are used for logistics processes on building sites. They flexibly extend the operating range of mobile crushing and screening plants and

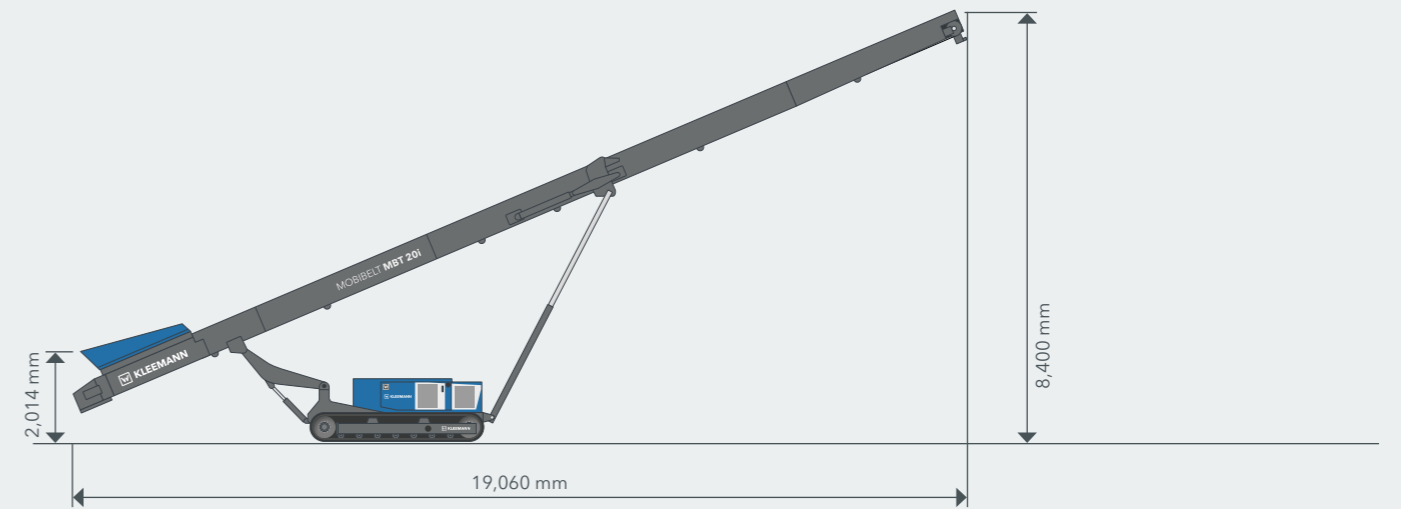
guarantee larger stockpiles, improved building site logistics and easy operation.



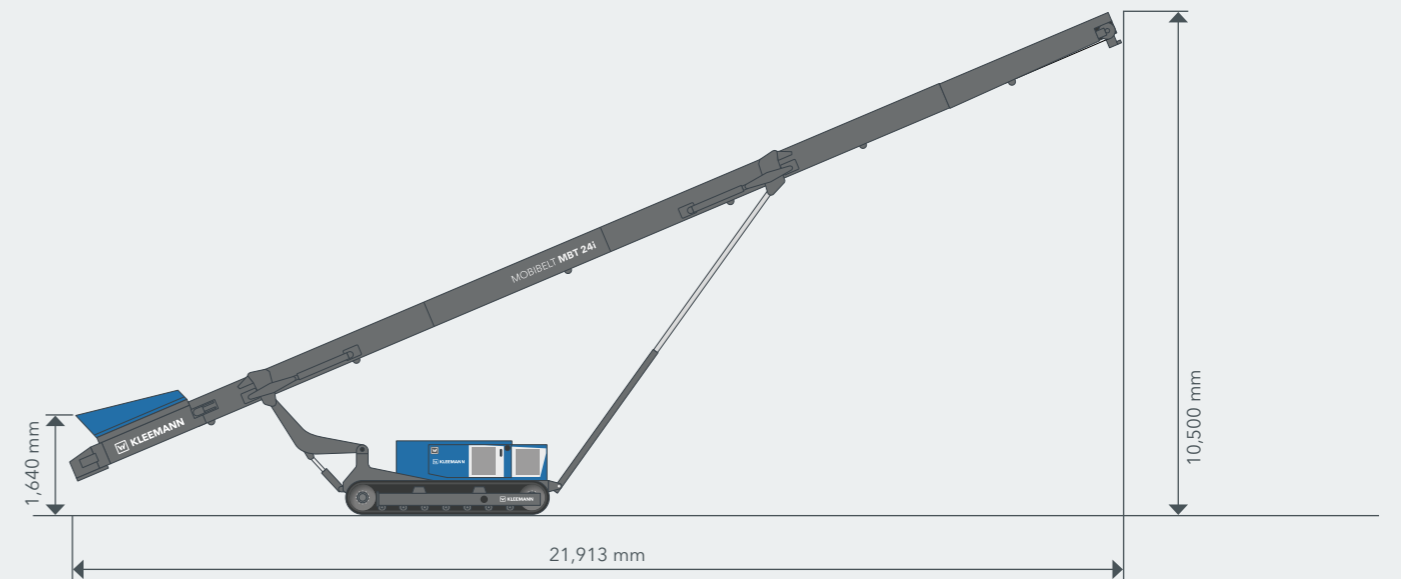
TECHNICAL DATA	MBT 20(i)	MBT 24(i)
Feeding unit		
Feed capacity up to approx. (t/h)	450	450
Max. feed size (mm)	200	200
Hopper (m³)	1.7	1.7
Conveyor belt		
Width x length (mm)	1,000 x 19,400	1,000 x 22,700
Discharge height approx. (mm) at 23° belt inclination	8,400	10,100
Stockpile volume (m³) at 23° belt inclination	842 (at 37° tipping angle)	1.350 (at 37° tipping angle)
Belt specifications	EP400/3 5+1.5	EP400/3 5+1.5
Belt conveyor drive (cm³)	630 cc, hydraulic motor	630 cc, hydraulic motor
Troughing angle	45 °	45 °
Power supply unit		
Drive concept	diesel-hydraulic	diesel-hydraulic
Power pack manufacturer stage 3a	Kubota	Kubota
Power supply unit output (kW)	36.5 (2,700 rpm)	36.5 (2,700 rpm)
Power pack manufacturer stage V	John Deere	John Deere
Power supply unit output (kW)	48 (2,200 rpm)	48 (2,200 rpm)
Diesel fuel tank	220	220
Dimension and weights		
Operating position		
> Width x length (mm)	2,295 x 19,060	2,295 x 21,913
> Height (mm)	8,630	10,360
Transport dimensions (without options)		
> Transport length (mm)	11,920	11,815
> Transport width (mm)	2,295	2,295
> Transport height max. (mm)	2,550 ¹⁾	2,550 ¹⁾
> Weight of basic equipment approx. (kg)	11,200	12,600

¹⁾ with disassembled hopper

OPERATING POSITION MBT 20(i)



OPERATING POSITION MBT 24(i)



The MOBIBELT mobile stackers are used for product transfer within a plant train and for tipping onto large stockpiles. The direct material transport from the crushing or screening plant to the dedicated stockpile means that additional material movements with the wheel loader can

be avoided. This reduces operating costs, increases operational reliability and efficiency. Furthermore, safety on the building site is increased because the less traffic there is on a building site, the fewer the sources of danger.

STANDARD EQUIPMENT

- > Feed hopper made of KRS with a volume of 1.7 m³
- > Lower belt impact station as damping element in the central feeding area
- > For transport of the hydraulically foldable discharge side, manually foldable feeding side (only MBT 24(i))
- > Conveyor belt, smooth version, incl. flat scraper
- > SPECTIVE operating position and local control elements for simple operation
- > LED lighting

OPTIONS

- > Hopper extension with impact bar, increase in hopper volume to 2.5 m³
- > Feeding side hydraulically foldable, simplifies and accelerates folding of the belt for transport (only MBT 24(i))
- > Conveyor belt, cleated belt version, incl. impact roller
- > Conveyor belt, reinforced version, incl. flat scraper
- > Anti-Rollback prevent material from rolling back on the conveyor belt
- > Front scraper for improved cleaning of the belt return run particularly with a high content of fines in the feeding material
- > Full length lateral belt sealing for better protection against material leakages
- > Belt scale for recording the plant performance
- > Belt cover for reducing dust emission
- > Twin drive for conveyor belt, increases the conveying capacity up to 600 t/h at 23° belt inclination
- > External power supply for efficient mains operation
- > Water spray system at belt discharge for dust reduction
- > Radio remote control for moving the crawler chassis, emergency stop
- > Premium lighting
- > Line coupling for linking with other KLEEMANN plants



For the machine to operate efficiently, it is essential that the correct wear parts are used. KLEEMANN original parts are optimally adapted to the requirements of both the user and the machine. We use our application know-how and expert advice to help our customers find the right wear part to meet their specific needs. For further information, visit: parts.wirtgen-group.com

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