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### MBF SERIES FEDERS FOR CONSISTEN FEED RATE

MEKA Belt Feeders are chosen for their outstanding life characteristics and durability in the harshest conditions. MEKA has developed belt feeders to suit the most demanding applications in the mining industry.

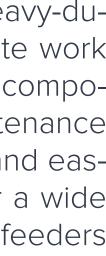






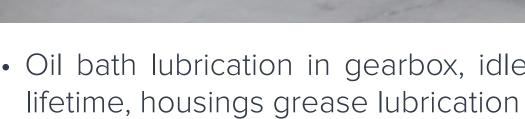
Belt feeders are short belt conveyors that are specifically The rugged design and features such as robust heavy-dudesigned for material flow regulation, extracting material ty idlers, frames, abrasion resistant liners and chute work from one area and ensuring that downstream equipment help significantly increase service life. Additionally, comporeceives the appropriate volume. nents are easy to access, which simplifies the maintenance process, so spare and wear parts can be quickly and eas-These short conveyors are employed to extract material ily replaced with minimal downtime. We also offer a wide under dump hoppers or surge bins and to provide the derange of additional features and services for these feeders sired, continuous feed rate for screens, crushers, and conto enable maximum efficiency of your operations.

veyors. Belt feeder design thus needs to consider all specific requirements determined by the material being moved, as well as capacity and geometry.



## MBF SERIES BELT FEEDERS PRODUCT FEATURES

- 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
- Power transmission through bevel hollow shaft gear, or planetary gear directly from motor



- Feeder components are of heavy duty type
- Welded frame including heavy steel profiles
- Belt tightening is maintained by screw take-up device,





• Oil bath lubrication in gearbox, idlers prelubricated for



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# <image>

|            |           | <b>MBF 6515</b> | <b>MBF 8020</b> | <b>MBF 8025</b> | <b>MBF 1020</b> | <b>MBF 1025</b> |
|------------|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| WxL        | mm        | 650x1545        | 800x2100        | 800x2540        | 1000x2100       | 1000x2540       |
|            | inchxfeet | 26x5            | 31x7            | 31x8            | 40x7            | 40x8            |
| Drive      | kW        | 2.2             | 4               | 4               | 5.5             | 5.5             |
|            | HP        | 3               | 5.5             | 5.5             | 7.5             | 7.5             |
| Capacity   | mtph      | 250             | 350             | 350             | 450             | 450             |
|            | stph      | 275             | 385             | 385             | 495             | 495             |
| Belt Speed | m/sec     | 0.35            | 0.35            | 0.35            | 0.35            | 0.35            |
|            | ft/min    | 69              | 69              | 69              | 69              | 69              |

>> At specified inclination and 1.6 t/m3. Capacities depend not only on feeder size but also on feeder inclination, feed gradation, etc. Other sizes are also available on request.

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