

MCE
Conveyor Pulleys & Equipment

Portable Conveyor System Mini

COMPACT POWER. MAXIMUM PERFORMANCE.



> Portable Conveyor System Mini

FAST TO INSTALL. SIMPLE TO RELOCATE.
BUILT TO LAST.

The TS Global 75/150 kW Portable Conveyor System Mini delivers reliable conveyor performance in demanding underground and surface applications. Engineered for rapid installation, relocation and long-term reliability, it provides a robust drive solution that supports efficient material handling throughout underground development.

The modular design simplifies installation, relocation and maintenance while giving you the flexibility underground and surface development demands. The Mini series features a manual winch and two-lap loop take-up, with the option to upgrade to a four-lap configuration for increased take-up capacity. Fully guarded components, integrated belt cleaning, condition monitoring sensors and hydraulic lifting arrangements work together to improve safety, simplify maintenance and maximise equipment availability. It is rated for conveyor drives up to 150 kW and backed by TS Global's in-house engineering, manufacturing and nationwide technical support.

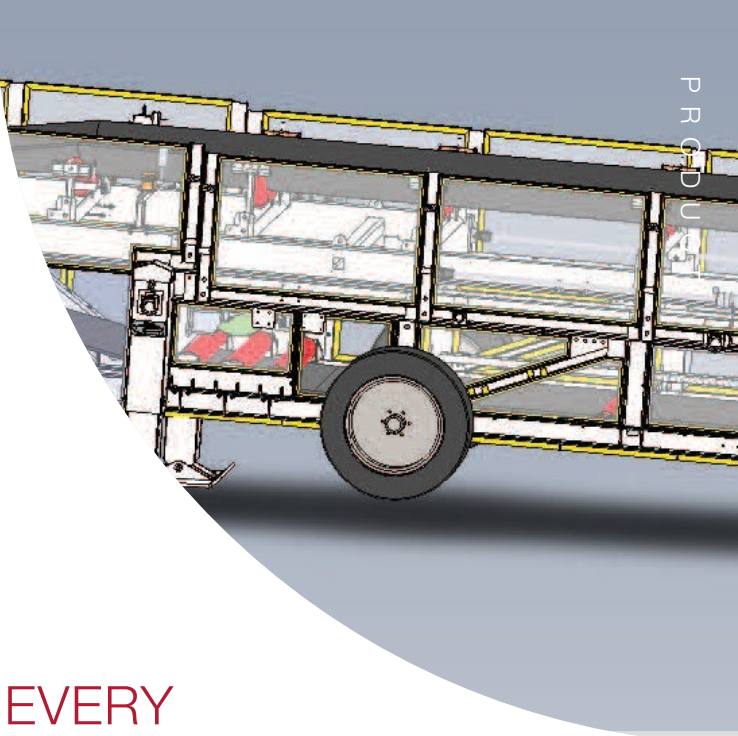
> KEY BENEFITS

- ▶ Fast installation and easy relocation underground
- ▶ Rated for conveyor drives up to 150 kW
- ▶ Modular design for efficient transport, installation and relocation
- ▶ Heavy-duty fabricated construction for demanding underground & surface applications
- ▶ Designed to simplify maintenance and minimise operational downtime
- ▶ Engineered to integrate with underground & surface conveyor systems

> POWER & PERFORMANCE

- ▶ Current Configuration: 75 kW system (Upgradeable to 150 kW with twin-drive configuration)
- ▶ Transmission: 75 kW WEG flameproof motor, 1000V, IP66-rated
- ▶ Gearbox: SEW single right-angle planetary gearbox, 28.25:1 ratio
- ▶ Fluid Coupling: Fludomat SF-8 rated to 80 kW at 1500rpm
- ▶ Drive Pulley: Ø750 × 1400 mm, ceramic dimple lagging, 15mm, with integrated speed sensors for belt slip monitoring.





OPTIONAL ENHANCEMENTS

- ▶ Upgrade to 150 kW with dual motor and gearbox setup
- ▶ Pneumatic (Air) winch upgrade for automated tensioning
- ▶ Additional belt storage modules
- ▶ Flameproof electrical packages

- ✔ Purchase
- ✔ Hire
- ✔ Hire-to-Buy Options

FLEXIBLE SOLUTIONS FOR EVERY PROJECT PHASE - AVAILABLE NOW.

The Mini is available through flexible supply options to suit your operation. Purchase for a permanent, long-term solution backed by TS Global’s full support. Hire-to-buy offers a cost-effective path to ownership, allowing you to apply hire costs toward purchase. Or choose hire for short-term projects or when immediate deployment is needed — providing maximum performance without upfront investment (six month minimum term).

- ✔ Spares
- ✔ Components
- ✔ Service Support

COMPREHENSIVE SUPPORT, WHEREVER YOUR DRIVE TAKES YOU

TS Global provides full on-site support for the Mini and all conveyor systems. Our experienced technicians deliver fast, reliable service — from installation to maintenance — keeping your operations running smoothly.

- ▶ 24/7 service coverage across all regions
- ▶ Installation, commissioning & maintenance support
- ▶ Condition monitoring & performance audits
- ▶ OEM-trained technicians and full spare parts supply.

MCE DEVELOPMENT DRIVE SELECTION TABLE

Lift (m)																		
200	NA	NA	DD 350	DD 350	DD 350	DD 350												
180	NA	NA	DD250	DD 350	DD 350	DD 350	DD 350											
160	NA	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350										
140	NA	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350										
120	NA	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350	DD 350									
100	NA	DD 150	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350								
80	DD 150	DD 150	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350	DD 350							
60	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350							
40	DD 75	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350						
20	DD 75	DD 150	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350					
0	DD 75	DD 75	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD250	DD 350	DD 350	DD 350	DD 350	DD 350			
Length (m)	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500
-20	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD250	DD250	DD250
-40	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250	DD250
-60	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD250	DD250	DD250	DD250
-80	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150	DD250	DD250
-100	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150	DD 150
-120	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150	DD 150	DD 150
-140	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150	DD 150
-160	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 150
-180	NA	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75
-200	NA	NA	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75	DD 75

Design Data
Capacity: 350 t/hr
Max.angle of Elvation: 18 Deg
Belt Speed: 3.5 ms⁻¹
Belt Width: 1200mm
NA: Angle of Elvation is over 18°



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