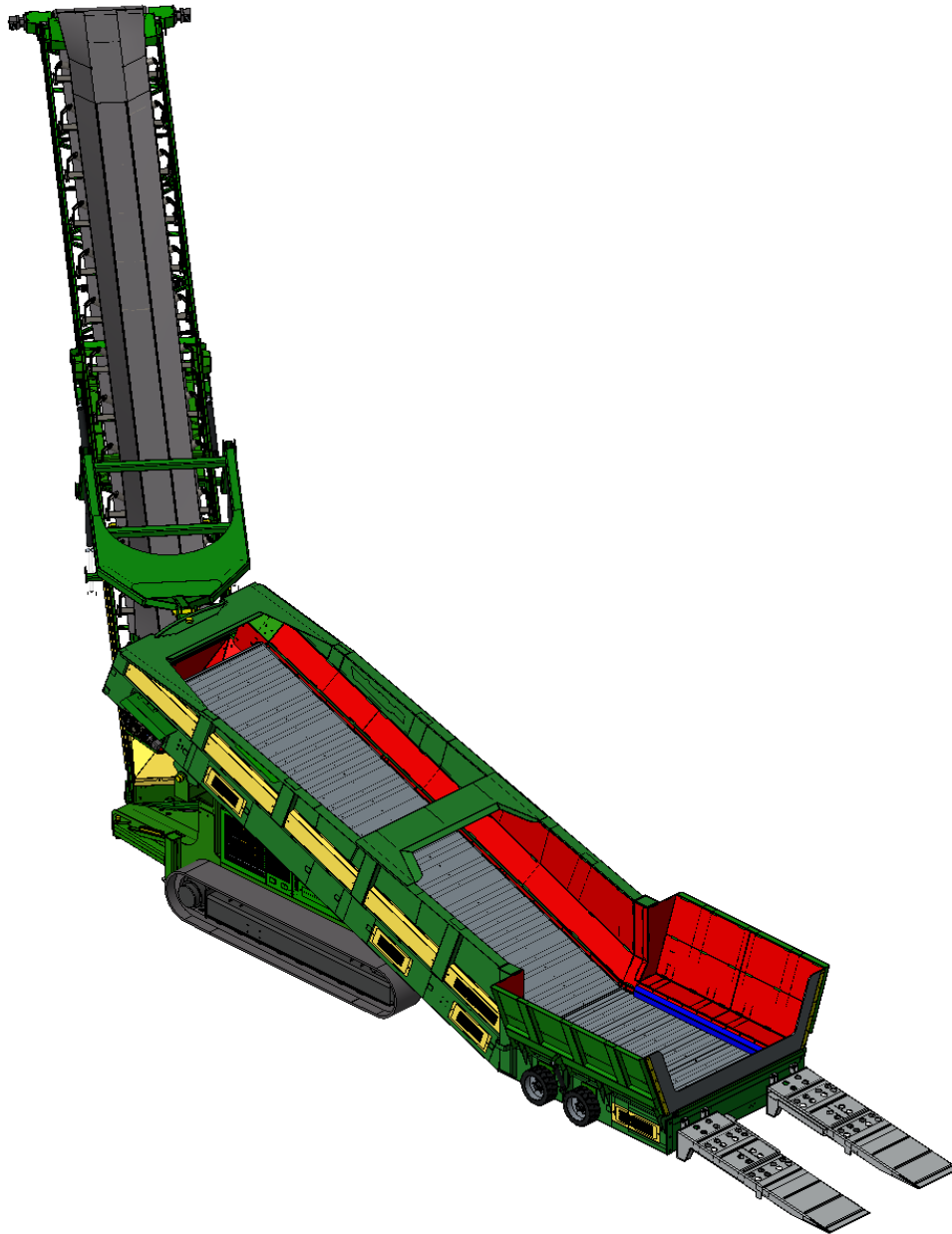
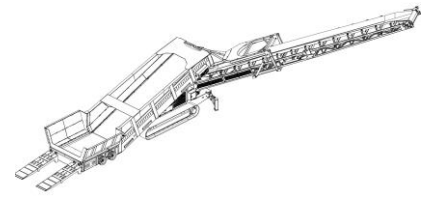


# SPECIFICATIONS



## MTD50R TRUCK UNLOADER



*Optional equipment may be shown*

### **DESCRIPTION**

The newly designed MTD50R is McCloskey international's newest addition to the bulk materials handling sector. Designed to allow operators to continuously load directly from articulated road Lorries eight wheelers into train wagons, barges, ships, and hoppers, and can also be coupled with other McCloskey products.

Mobile Truck Unloader with the following features:

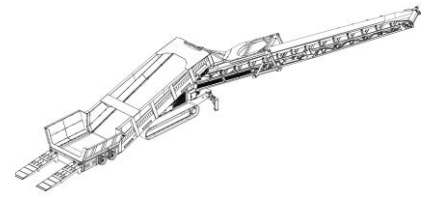
- Heavy duty apron design conveyor system design specialized to suit surge loading from trucks and other heavy duty applications.
- Heavy duty chain and sprocket drive meaning no slippage.
- Loading rates of up to 1000 MTPH. (500-600 MTPH nominal)
- Truck cycle times of under 3 minutes.
- 2200mm (87") wide heavy duty hopper with 20M<sup>3</sup> (26YD<sup>3</sup>) capacity.
- Feeder belt twin drive offering 30,000 NM (22,000 Ft/lbs.) of torque.
- Variable feeder speed as standard from 0 -15 M/Min (49ft/min).
- Heavy duty power unit giving 98KW (127hp) of power.
- Engine speed of 1800 rpm giving Low fuel consumption 18 Liters (4.7 US Gallons) per hour.
- Specialized, user friendly hydraulics system.
- Twin Drive 1200mm (48") wide, 50 ft. long, Transfer conveyor
- Transfer conveyor with variable speed from 0 – 2.7 M/sec (9ft/sec) as standard
- Transfer conveyor options including fixed, 130° radial and telescopic.
- Heavy duty 4 ply belt on transfer conveyor as standard
- Remote grease lines on both feeder and transfer conveyor as standard
- Hydraulic Hopper adjustable wings for easy loading
- Hardox lined hopper as standard.
- Electric Vibrating Motor on chute as standard
- Radio remote control feeder and product conveyor start/stop as standard
- Radio remote control transfer conveyor radial and raise lower as standard
- 4 m tracks for easy on site maneuverability
- Hydraulic folding flip toe ramps as standard

### **DIMENSIONS AND CAPACITIES**

Length – working (Max)	27.9m (91'-7")
Height – working (Max)	7.9m (26'-1")
Length – transport	19.8m (65'-1")
Width – transport	3.5m (11'-4")
Height – transport	3.6m (11'-11")
Over Hang - Transport	7.7m (25'-3")
Maximum Production Rate	1000 MTPH (1100 TPH)
Max Product Size	100MM ( 4") minus processed materials

### **FEEDER CONVEYOR**

Belt width	2200mm (87")
Belt spec	Heavy Duty Plain,EP630 4-Ply,Fabric Plied
Hopper	400 Wear Plate Lined
Scraper	Urethane Blade
Sprocket Adjuster	Disc Spring Loaded Take Up Bearing
Under Hopper	Heavy Duty Steel Crosser/Steel Wheels



Conveyor  
Feeder conveyor motor  
Feeder reducer

Chain And Sprocket Drive  
OMSS 125  
BREVINI Reducer

**PRODUCT CONVEYOR (Non-Telescopic)**

Belt width	1200mm (48")
Belt spec	Heavy Duty Plain, 4-Ply, 1/4 X 1/16
Scraper	Martyn Scraper
Pulley Adjuster	Standard Threaded Bar
Conveyor Idlers	35 Degree – Cema B
Return Idlers	Self Cleaning Rubber Disc – Cema C
Conveyor motor	Twin DANFOSS OMT500

**Capacities**

Hydraulic tank	630 L ( 166 US gal )
Diesel Tank	399L ( 105 US gal )
Feeder Hopper Capacity	20M <sup>3</sup> ( 26 Yd <sup>3</sup> )

**OPTIONS INCLUDING BUT NOT LIMITED TO;**

- Dual Power electric.
- Static Electric Option.
- Fixed Discharge Conveyor.
- Telescopic Discharge Conveyor.
- Rubber Track Pads for concrete surfaces

**SAFETY FEATURES**

External belt alignment points.  
External grease points.  
Engine safety shutdown systems.  
Full safety guarding for nip points.  
Hydraulic Load sensing system

