



## MC 1050-20 WR CONVEYOR



# Irish Manufacturing Services Limited

A leading manufacturer of screening and conveyor equipment, offer the MC1050-20WR wheel stacking conveyor, the ideal conveyor for handling wood chip, mulch, and recycled waste timber

## **Heavy Duty Construction**

Constructed from MS plate designed in 20" (500mm) deep section to give added stability and to withstand the rigors of heavy duty operation

## **Conveyor**

The conveyor is constructed in 3 sections , the tail section includes a generous feed hopper and the head section includes the conveyor drive , consisting of a Sauer-Danfoss hydraulic motor and rubber lagged drive pulley

## **Diesel-Hydraulic Power Unit**

The conveyor is powered by a Caterpillar C2.2 38 kw Diesel Engine coupled to a tandem hydraulic pump giving sufficient oil flow to drive both the conveyor at maximum output and to operate the magnet

## **Radial Operation**

The Radial Operation is facilitated by 2 445/55 x 22.5 Super Single wheels mounted in radial alignment. One of the wheels is driven by a Brevini geared hydraulic motor to provide radial movement. The radial wheels are retracted via hydraulic cylinders to transform the machine to road transport mode

## **Road Transport**

The undercarriage consists of a heavy duty chassis with a TUV approved axle with 385/55 x 22.5 Super Single Wheels, VBG approved Tow Hitch, Braking System and approved 24v Lighting System.

## **Hydraulic Folding Mechanism**

The folding mechanism of the conveyor head section allows for quick site set up and provides a flexible approach to transport of the unit. The hydraulic folding is designed so that the hydraulic cylinder piston rods are fully protected when the machine is operational

## **Magnet**

An Eriez CP20/100 SC2 hydraulically driven Overband Magnet is provided to remove nails etc from timber products. Magnet installation includes stainless steel chute to discharge collected material to waste skip

## **Emergency Stop System**

Every MC1050-20WR Conveyor is equipped from the factory with an emergency stop system that will render the plant inoperable when activated, providing added safety for the operator.

## **Standard Features**

- 38 kw Diesel-Hydraulic Drive
- 42" (1050mm) wide 3 ply belt
- Hydraulic Folding on Head Section
- Hydraulic Raise and Lower
- Manual Folding of Tail Section

## **Options**

Heavy Duty Belt  
Chevron Belt  
Conveyor Belt Variable Speed Control  
Electric Hydraulic Power Unit  
PVC covers  
Galvanised Steel Covers  
Feedboot Mild Steel Wear Plates  
Feedboot  
Hardox Wearplates  
Feedboot Extensions

## **Specifications**

Operational length	65' (20M")
Operational height	30' (9.16M") At maximum height (26°) chevron belt may be required
Loading height	4'0" (1.2M")
Hydraulic tank capacity	70 gallon (320 l)
Diesel fuel capacity	35 gallon (155 l)
Engine make/model	Caterpillar C2.2
Engine Type	4 cylinder liquid cooled
Engine power (horsepower)	38kw (51 HP)
Transport width	8'0" (2.5 M")
Transport height	13' 2" (4.0 M")
Transport length	49'0" (14.9M")
Total weight	27800 lbs (12640kgs)
Axle Weight	20770 lbs (9440kgs)

*Due to Irish Manufacturing Services Limited's policy of continuing product improvements, specifications are subject to change without notice or obligation. No representation is made that the products depicted herein comply with any laws, codes, rules, regulations or standards. Compliance is the responsibility of the user. Additional safety equipment may be required by the particular location and application of product.*

**Irish Manufacturing Services Limited, 34a  
Dunroe Road, Clogher, Co. Tyrone, N. Ireland  
BT76 0Dz**

**Tel. +44 (0)28 8554 9656 E-mail [info@ims-ltd.ie](mailto:info@ims-ltd.ie) website; [www.ims-ltd.ie](http://www.ims-ltd.ie)**

