

ULD Handling Equipment | **ULD Mover & Weighing**

Mini Donkey



Identification

Manufacturer	CSI s.r.l.
Type	TRS OB XT MINIDONKEY
Drive	Electric AC
Type of operation	Handwheel
Capacity, load	3-7 Q (t)
Center of gravity c	85 mm
Own weight (without battery)	800 kg
Load centre distance	1249 mm

Basic Dimensions

Lift stroke h3	145 mm
Overall machine length l1	1605 mm
Overall dimensions of machine body l2	970 mm
Machine body width b1	880 mm
Hooking dimensions l	137 mm
External dimensions wheels b5	672 mm
Turning radius wa	980 mm

Motors

Travel motor S2 60 min	2.5 kW
S3 lifting motor 15%	2.2 kW
Hook width	300 mm
Battery DIN 43531/35/36 A,B,C	No
Battery voltage and capacity K5	24 V
Battery weight	360 kg
Battery dimensions L/ P/ H	800/280/800 mm

Others

The Warehouse ULD Mover is an electric driven transporter to move slave pallets. The operator rides along the unit during the movement. A very flexible and dynamic way of moving ULD's. Storage or build up or break down of ULD's is possible on any location inside a warehouse. The SPS Warehouse ULD Mover is only suitable for indoor use on a flat warehouse floor.

The Warehouse ULD Mover can be equipped with a weighing system which is optionally connected to Uniwin, an industrial software solution which can be

Wheels, Chassis

Tires	Polyurethane
Front wheel dimensions	250 x 100 mm
Rear wheels / rollers dimensions	125 x 40 mm
Additional wheels (dimensions)	80 x 60 mm
Number of front/ rear wheels (x=drive)	1x / 2+1 / 1
Rear wheelbase b11	320 mm
Hook height from the ground h13	35 mm

Performance Data

Travel speed w/without load:	3/5 km/h
Lifting speed w/without load:	0.04/0.05 m/s
Maximum gradient that can be overcome w/without load:	1/1%
Service brake:	1/1%

Others

Type of drive control:	Proportional
Sound level at driver's ear:	< 70 dB (A)
Colours:	Blue (RAL5002) / Orange (RAL2004)

Options

Horn
Flashing beacon

integrated in your overall systems, such as ERP, WMS, Warehouse Management System. Both the weighing system and Uniwin are certified "legal for trade".

The Uniwin software is installed either on a touchscreen (stand-alone), or an application server (SQL-DB full or express), which manages an app on the touchscreen. See separate data sheet for specifications.

Do you need a custom solution?

Our team of design experts and highly professional manufacturers will help by creating and planing the best solution for your need.

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