

Die Changing Carts RW500 DS/RW850 S/RW850 elmo manually movable or fully electric lifting and moving with docking bar, load capacity up to 850 kg



Version RW500 DS

- Double scissor lift up to 1,500 mm table height
- Manual moving
- Lift and lower with foot pump
- Roller table
- Smooth steel plate or roller table
- Docking bar

Load capacity:	500 kg
Lifting height:	460–1,500 mm
Platform dimensions:	approx. 1,220 × 840 mm
Total length:	approx. 1,520 mm
Chassis:	700 mm wide
Break:	on both steering rollers
Wheels:	PU
Weight:	approx. 335 kg

Die dimensions:

Min. 200 × 200 mm

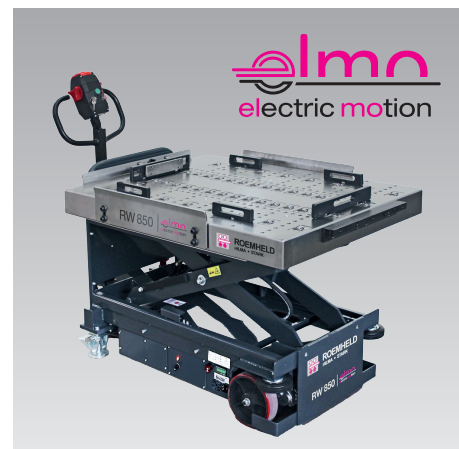
Max. 1,000 × 800 mm + lateral overhang



Version RW850 S

- Single scissor lift up to 1,080 mm table height
- Manual moving
- Lift with foot pump, lower with hand lever
- Smooth steel plate or roller table
- Docking bar

Load capacity:	850 kg
Lifting height:	520–1,100 mm
Platform dimensions:	approx. 1,220 × 840 mm
Total length:	approx. 1,500 mm
Chassis:	700 mm wide
Break:	on both steering rollers
Wheels:	PU
Weight:	approx. 300 kg



Version RW850 elmo "electric motion"

- Single scissor lift up to 1,080 mm table height
- Fully electric moving
- Electro-hydraulic lifting and lowering
- Roller table
- Docking bar

Load capacity:	850 kg
Lifting height:	565–1,100 mm
Platform dimensions:	approx. 1,220 × 840 mm
Total length:	approx. 1,500 mm
Chassis:	670 mm wide
Break:	Parking brake, on both sides
Wheels:	PU
Weight:	approx. 350 kg
Battery charger:	24 V, 8 A (built in)
Battery:	30 Ah
Speed:	2.6/3.0 km/h (with/without load)

Application

Die changing carts facilitate the handling of medium-weight dies and enable dies weighing up to 850 kg to be safely transported in an easy and time-saving way.

All cart types are specifically designed for pressing and punching dies as well as for injection and casting moulds.

Description

These special die changing carts are available in single or double scissor versions with different lifting heights, manually or fully electrically movable, and with a sturdy roller table or as a smooth steel plate. They are made of robust steel and can make tight turns. Thanks to a compact design, all changing carts can be used in tight production spaces.

The combination of a roller table and a battery-powered electric drive offers additional convenience and the safety required when changing dies. An assembled roller table, made of stainless steel, is equipped with sturdy rollers and a sliding stop, which enable the dies to be safely inserted onto the press table. Adjustable stops prevent the dies from slipping during transport. The roller table has various holes for several safety bars to optimally prevent dies of

different sizes from slipping. The roller table is equipped with a docking bar for safe transfer of the die to the press. For transport, the centre of gravity of the load must be positioned in the centre of the cart and the lifting columns must be completely lowered.

Colour: RAL 7016 (powder coating), black scissors, stainless steel roller table

Advantages

- Quicker and safer die change
- Precise positioning thanks to docking station
- Electric lifting and moving
- Protection against dies falling off thanks to side rails, front rail, and adjustable insertable bars
- Die-friendly transport
- Secure hold of the die changing lifting table thanks to parking brake

Die Changing Lifting Table

Technical Characteristics • Dimensions

Version 1

Roller table with roller inserts, without lifting function

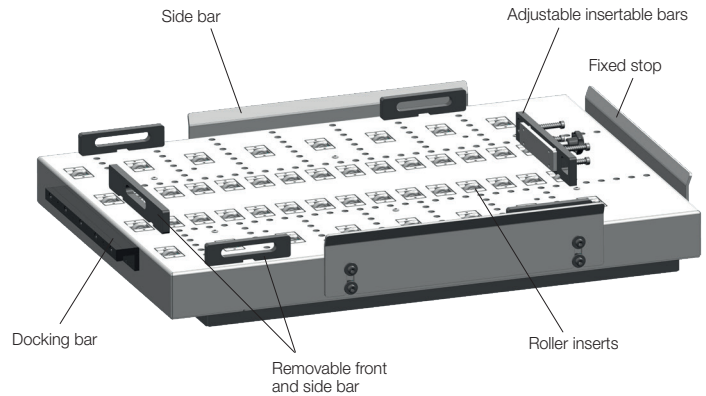
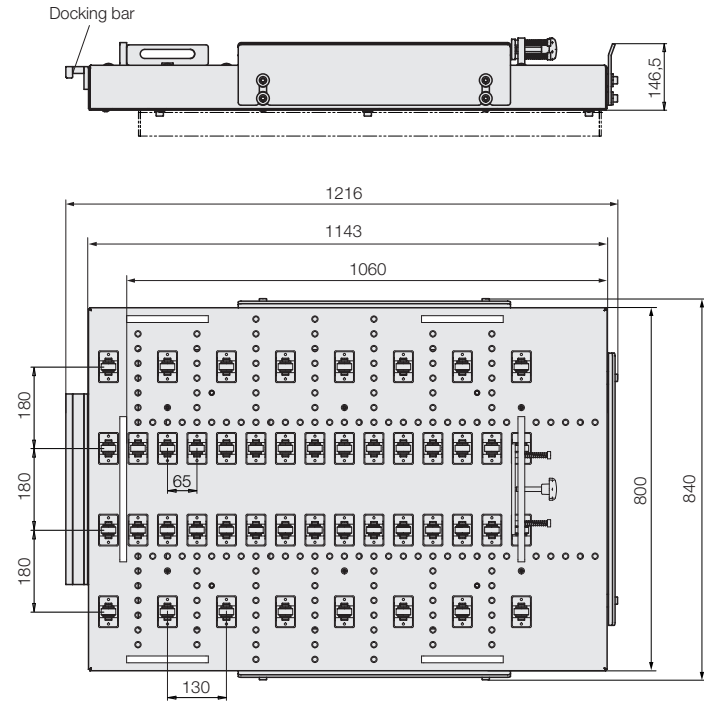
In this version, the dies are pushed into the press using fixed roller inserts in the roller table. The dies are secured manually by the operator during transport using adjustable insertable bars.

Docking to the press table provides the optimum entry height and prevents the cart from rolling away. This version also works without a docking bar on the press table.

Die dimensions:

Min. 200 × 200 mm

Max. 1,000 × 800 mm + lateral overhang



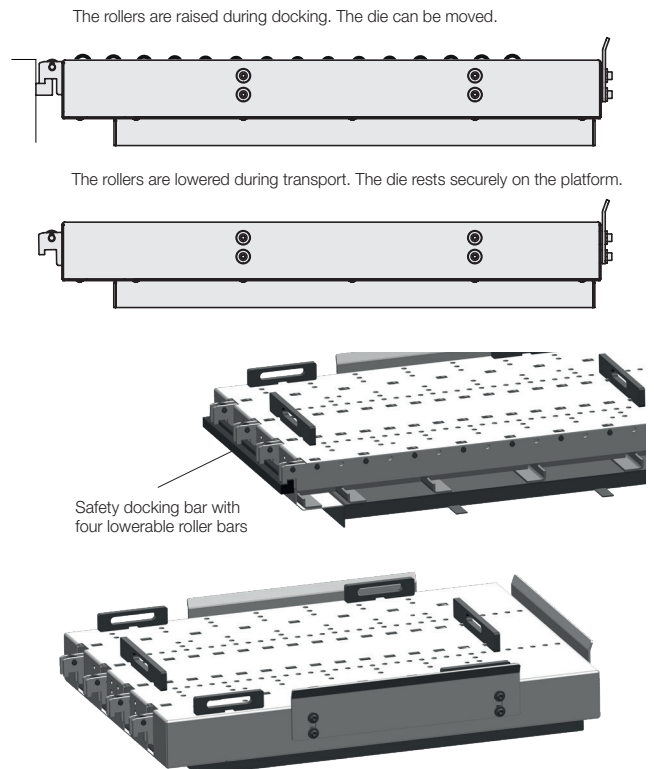
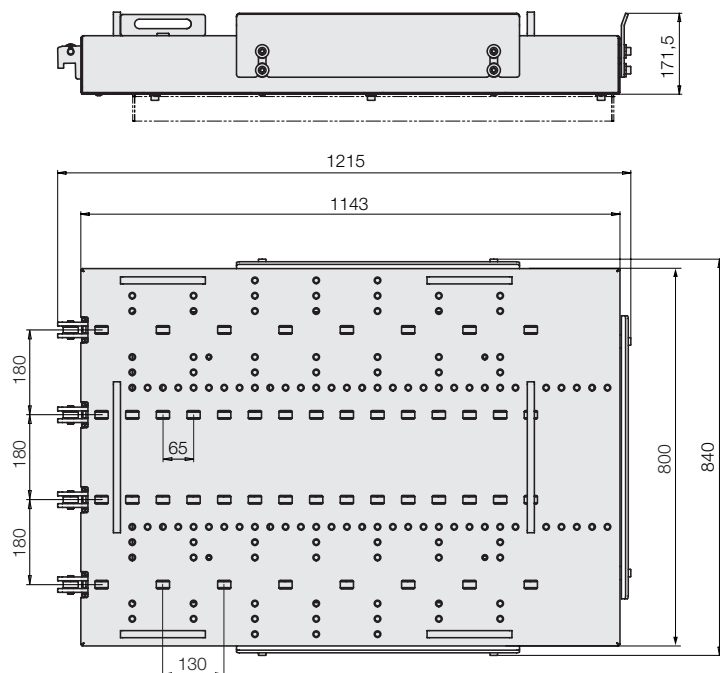
Version 2

Roller table with lowering rollers and lifting function

In this version, the rollers in the roller table are raised when the changing cart is docked. When the dies are transported during production, they rest on the platform and are secured against slipping.

The rollers can only be raised by docking to a press table or a rack system. Insertable safety bars on the die changing cart also secure the dies to be transported on all sides to prevent them from falling.

This version requires a docking bar on the press table.



Accessories

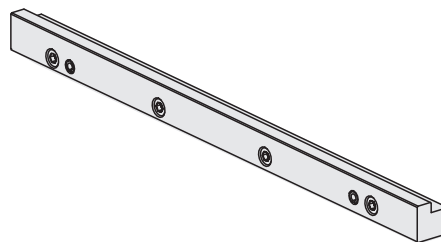
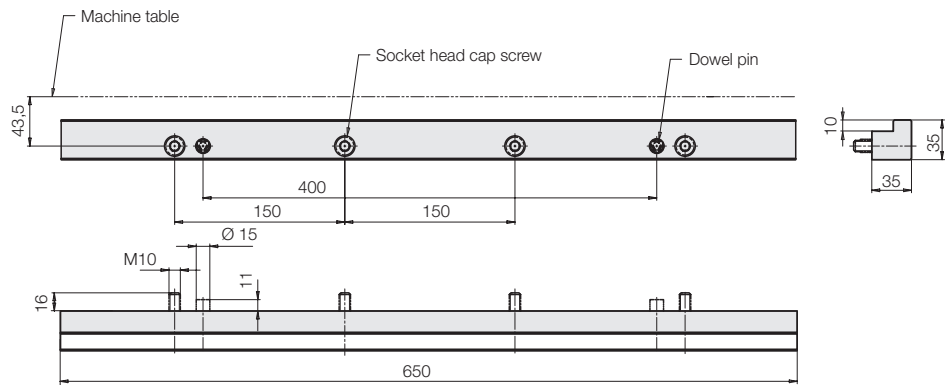
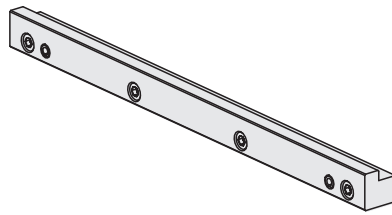
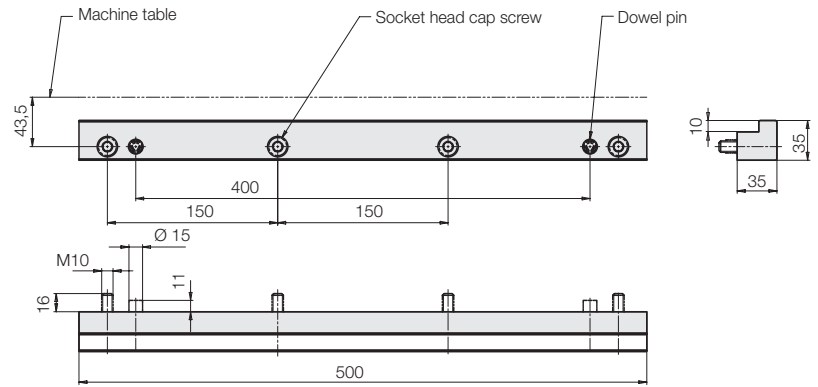
Docking bars on the press

To achieve the precise insertion height on the press table, the press table is fitted with screw-in docking bars. One docking bar on die changing cart and an additional one for the press table are included in our delivery.

Part no.

Length 500 mm 789140003

Length 650 mm 789140009



Additional accessories on request:

- Ram protection and die insert slope anchored to floor
- Acoustic or visual tilt indicator
- Power supply USA version, 110 V / 60 Hz