



**ROEMHELD**  
HILMA ■ STARK

Issue 10-16 E

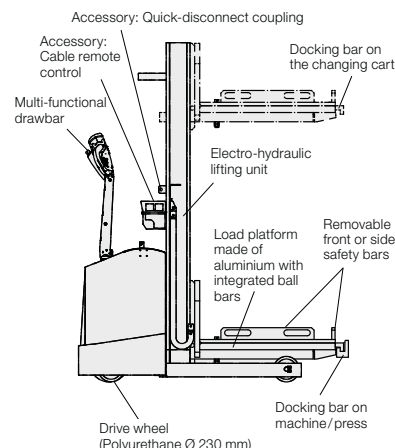
## WZ 8.8902

### Die Changing Cart with Electric Drive RWA with electro-hydraulic lifting platform, die changing table and hydraulic ball bars, max. load capacity 1200 or 1600 kg



#### Advantages

- Safe and gentle die transport of heavy dies
- Time-saving die change
- Integrated die changing table with hydraulic ball bars
- High safety by docking bars and lowerable ball bars
- Protection against falling down of dies by removable side bars
- Simple and central operation with multi-functional drawbar
- Multi-function display on the drawbar
- Robust vehicle technology
- Modular design with standard drive



#### Application

The die changing cart RWA is used for the transport and the change of pressing and punching dies as well as injection and casting moulds up to a weight of 1600 kg.

#### Description

The die changing cart RWA is an electrically driven walking and lifting cart, especially equipped for the transport and the change of dies.

The electro-hydraulic lifting platform is designed as die changing table with integrated hydraulic ball bars, which facilitate the manual insertion of the dies onto the press table.

During the transport, the balls are always lowered and the die is protected against movement.

A safety circuit ensures that the die changing cart can only be displaced with lowered ball bars.

In addition, the die is secured on the lifting platform by removable front safety bars or side bars.

For the transfer of the die to the press, the lifting platform is equipped with a protrusion.

#### Versions

The die changing cart RWA is available in 2 versions:

**RWA 1200 max. load capacity: 1200 kg**

**RWA 1600 max. load capacity: 1600 kg\***

\* with reinforced lift mast and 6 instead of 4 ball bars

#### Power supply

The power supply of the electric drive, the lifting platform and the ball bars is made via an installed battery 24 VDC with 240 Ah.

This battery can be completely charged with a battery charger included in the delivery within 12 hours.

Automatic slow driving at low battery status as well as automatic lift cutout in the case of further discharge.

The maximum running performance is approximately 3 hours at full load.

#### Operation

The operation of the die changing cart RWA is completely made at the multi-functional drawbar.

- Rotary switch for continuous and sensitive driving (speed control)
- Toggle switch for reduced speed 2.0 km/h
- Push-button for driving with reduced speed and vertical drawbar position
- Steering (by drawbar)
- Slide switch for sensitive lifting and lowering of the lifting platform
- Push-button for lifting/lowering of the balls (as an option)
- Signal horn and key switch
- Main current safety switch (EMERGENCY STOP)

#### Multi-functional display

for display of

- battery status and operating hours
- maintenance intervals and error messages

#### Versions as per customer's request

- Roller bars instead of ball bars
- Ball or roller distance
- Dimensions of the lifting platform
- Radio remote control

Please contact us.

#### Accessories

see page 3

## Technical data Dimensions

### Technical data

Version		RWA 1200	RWA 1600
Max. die weight	[kg]	1200	1600
Lifting range	[mm]	250 – 1650	250 – 1550
Load capacity			
at the load centre of gravity 400 mm	[kg]	1200	1600
at the load centre of gravity 650 mm	[kg]	500	600
Platform size	[mm]	1000 x 800*	
Ball bars (each 690 mm long)		4 off	6 off
Ball distance	[mm]	75	70
Stroke of the ball bars	[mm]	2	2
Max. lifting force / bar	[kN]	8.8	8.8
Displacement speed	[km/h]	up to 5	5
Running performance		approx. 3 h at full load	
Empty weight	[kg]	1120	1200
Part no.		<b>889131200</b>	<b>889131600</b>

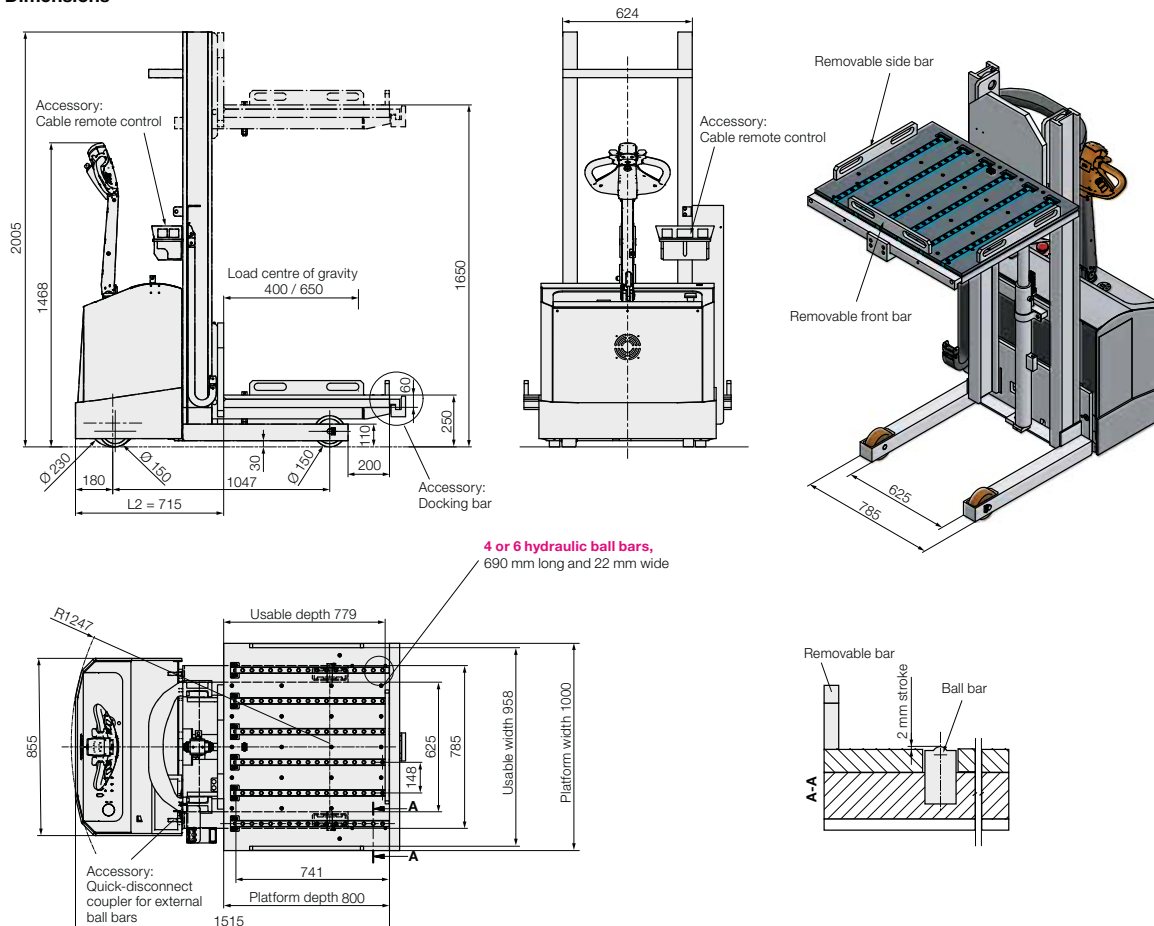
\* Individual platform sizes and ball distances on request

### Scope of supply:

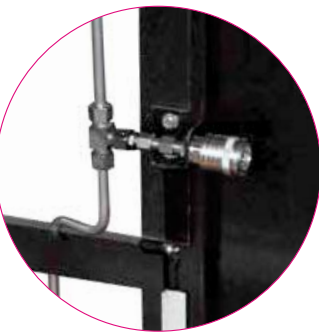
- Changing cart with built-in battery
- Battery charger
- Lifting platform
- 4 or 6 hydraulic ball bars
- Removable side and front bars

Further accessories and options in addition to the standard scope of delivery see page 3.

### Dimensions



## Accessories

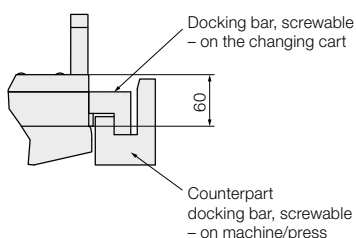


### Quick-disconnect coupler for external ball or roller bars

The die changing cart RWA can be equipped with an additional hydraulic control circuit with quick-disconnect coupling for the operation of the hydraulic ball and roller bars in the press table.

The operating pressure is 80 bar.

**Part no. 889130021**



### Docking bars

To obtain the exact insertion height at the press table, the lifting platform and the press table can be provided with docking bars.

### Docking bars

for fixing at the changing cart

**Part no. 889130022**

### Docking bars

for fixing at the machine

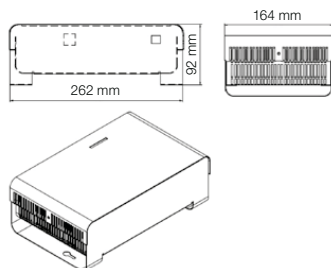
**Part no. 889130023**



### Battery filling system Aquamatic

Filling station with electric pump for fast filling of the batteries with water.

**Part no. 889130024**



### Extra battery charger E 230 G\*

Charging time: 12 h

Code class: IP 21

**Part no. 889130025**

\* USA version on request



### Cable remote control

with the functions:

- Lifting/lowering
- Driving: forwards/backwards
- Emergency stop

(Mounting position see drawing on page 2)

**Part no. 889130026**