

# Jungheinrich Center Control Rider Capacity 5000 lb

## ECE 20



- **Ergonomic design for better performance**
- **Electronic Controller with Speed-Control**
- **Regenerative Braking**
- **Electric steering (optional)**

The Jungheinrich horizontal order picker, type ECE 20, facilitates order picking from the second level. The new design operator workplace provides optimum preconditions for a high order picking performance.

**Operator Area:** Stand-on platform, backrest with integral step for mounting to work at the second order picking level. Step and battery cover with slip-proof rubber covering. Backrest with various storage facilities for order papers and other working utensils.

**Steering:** Handle: via easy moving handle from the operator platform. Ergonomic design. Optimum layout of operating elements for travel, lifting/lowering and horn.

**Steering Wheel:** on request the truck can be fitted with an easy to operate steering wheel.

**Drive:** The powerful vertical 2.0 kW separately excited motor has high overload capacity and operates with a very favourable degree of efficiency. The two-stage gear unit has a very low noise level. The motor carries a two year warranty.

**Chassis:** Robustly built from 0.3" thick elements. Especially designed for work-intensive order picking operations.

**Battery:** 24 V, a variety of different industrial batteries. On battery rollers for sideways removal.

**Drive Control:** State of the art electronic controller (Speed-Control) permits for the first time true speed regulating via the drive switch. In this way, in each situation the prescribed speed is being maintained. In the zero position of the drive switch the ECE is braked automatically via the generator. The setting of the drive parameters acceleration, end speed and motor brake is possible via the electronic controller.

**Brake:** Load-proportionally acting stepless disc brake, electro-magnetic, low in wear and free from asbestos. Automatic braking on leaving the truck. Sensitive braking via reverse current, motor braking with energy reclamation in zero position of the drive switch.

**Wheels:** All wheels with Vulkollan tires as standard. Drive wheel 230 dia, 3" wide,

support wheel 7.1" dia, 2.6" wide. Load wheels 3.3" dia, 3.3" wide, in tandem design.

**Hydraulics:** Compact assembly with high pressure pump and powerful series wound motor with 2.0 kW capacity.

**Load Section:** Pull rod kinematics with especially strong forks (1.2 x 2.0"). Sliding skids on both sides protect the pull rods from wear.

**Options:** Deposit trays on drive unit. Lockable compartment in backrest for personal belongings. Writing board, additional clip bar for working papers. Bumper, entry rollers, battery changing station, digital discharge monitor. Drive switches on both sides (push button operation) for forward/reverse travel in the backrest. Cold store version. Electronic Jungheinrich battery chargers on request.

**Maintenance:** All assemblies are quickly and easily accessible.

**Safety:** The trucks conform to the valid EU Guideline **CE** and ANSI B56.1 for industrial trucks.

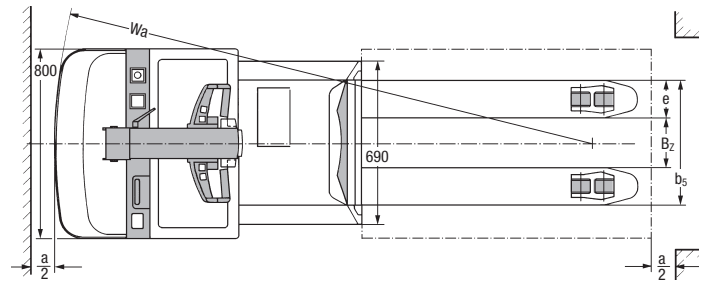
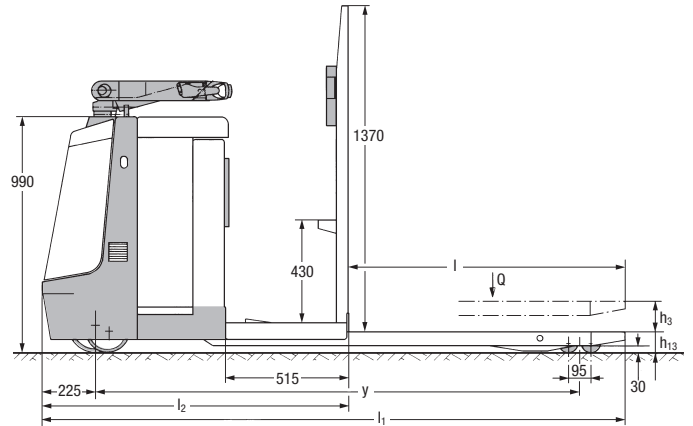


ISO-9001, ISO-14001-  
Certification of the Quality and  
Environment Management

 **JUNGHEINRICH**

## Performance Data

Capacity		5000 lb	2000 kg
Travel speed	without load	6.7 mph	10.7 km/h
	with load	5.2 mph	8.4 km/h
Lifting speed	without load	9.8 ft/min	0.05 m/s
	with load	7.9 ft/min	0.04 m/s
Service weight without battery		1486 lb	674 kg



## Technical Data

Q – Capacity	5000 lb	2000 kg
y – Wheelbase, load section lowered	see table	
– Distance of tandem load wheels	3.7"	95 mm
$l_2$ – Length to face of fork uprights	50"	1268 mm
$l_1$ – Fork length	see table	
l – Truck length	see table	
– Overall width	31.5"	800 mm
$b_5$ – Width across forks	21.3/26.4"	540/670 mm
$B_z$ – Width between forks	7.9/13"	200/330 mm
e – Fork width	6.7"	170 mm
$h_{13}$ – Lowered height	3.5"	90 mm
$h_3$ – Lift	5.1"	130 mm
Wa – Turning radius, load section lowered	see table	
a – Safety clearance	7.9"	200 mm

Width across forks	l (inch/mm)	$y^{**}$ (inch/mm)	$l_1$ (inch/mm)	Wa (inch/mm)
21.3"/540 mm	45/1150	79/2007	95/2418	88/2232
	55/1400	74/1885	105/2668	83/2110
	77/1950	96/2435	127/3218	105/2658
	85/2150	96/2443	135/3418	105/2666
	94/2400*	114/2883	144/3668	122/3106
	94/2400	104/2643	144/3668	113/2866
26.4"/670 mm	39/1000	73/1857	89/2268	82/2080
	45/1150	79/2007	95/2418	88/2232
	94/2400	114/2883	144/3668	122/3106

\* extended wheelbase for pallets with base boards

\*\* with raised load section values minus 89 mm

Subject to technical modifications without notice.