

Hyworth 2T Electric Pallet Mover



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HYWORTH®

FORKLIFTS

Model		H18PM	H20PM-I	H20PM-II
battery type		1 set side way battery	1 set side way battery	swing-out battery
Load capacity/rated load	Q(kg)	1800	2000	2000
Load centre distance	c(mm)	600	600	600
Load distance,centre of drive axle to fork	x(mm)	856	914/965/1034	1034
Fork height, lowered	h ₁ (mm)	84	82	82
Tyre size,front	mm	φ250x70	φ250x70	φ250x70
Tyre size rear	mm	φ80x70	φ82x126 (98)	φ82x126(98)
Additional wheels(dimensions)	mm	φ114x60	φ127x57	φ127x57
Wheels,number front rear(x=driven wheels)		1X+2/4	1X+2/2	1X+2/2
Max. Lift height	h ₂ (mm)	204	202	202
Height of tiller in drive position min./max.	h ₃ (mm)	530 (20.8)	530 (20.8)	530/ (20.8)
Overall length	l ₁ (mm)	1651	1655	1805
Length to face of forks	l ₂ (mm)	500	555	585
Overall width	b ₁ (mm)	550 (22)	775	775
Fork dimensions	s/e/l(mm)	54x150x1150	54x180x1100/1150/1220	54x180x1220
Width overall forks	b ₂ (mm)	550 (22)	520/550/650/685	550/685
Aisle width for pallets 1000x1200 crossways	A ₁ (mm)	2230	2275/2320/2385	2415
Aisle width for pallets 800x1200 lengthways	A ₂ (mm)	2110	2160/2180/2220	2250
Turning radius	W ₁ (mm)	1430	1470/1520/1590	1620
Travel speed,laden/unladen	Km/h	5.5/5.6	5.5/5.6	5.5/5.6
Battery voltage,nominal capacity K5	V/Ah	24/160	24/210	24/200
Battery weight	Kg	160	195/429	128/281
Battery box dimensions	mm	645x148x560	750x170x534	245x190x252
Service weight(with battery)	Kg	535	640-645	580-585

Standard: Curtis controller Option: ZAPI controller

Advantages:

SAFETY AND PRODUCTIVITY:

- Advanced AC control system eliminates the motor brushes and directional contactors, which makes the minimal maintenance requirements. Intelligentized regenerative brake system: increase overall truck performance by decreasing battery charge intervals.
- Side-way battery with roll-out system is very convenient to replace batteries. (CBD20KD-I)
- Emergency reversing device.
- l Built-in pressure relief valve protects the trucks from overloading.
- l Long handle tube supports flexible and laborsaving operation.
- Emergency power disconnect.
- Low speed switch in the handle.
- Stepless speed control.

STRUCTURAL:

- Water-proof and dust proof vertical driving wheel offers small turning radius.
- The riser axle located at the highest point of forks, protects riser axles from constant contact by uneven floors. Pull rod design against bending .
- Spring-loaded castors improve lateral stability on uneven floors and enhance truck performance and service life.
- Formed heavy gauge steel for maximum strength forks.

SERVICEABILITY:

- Low battery protection setting prolongs the battery life.
- CANbus technology reduces wiring complexity.
- All pivot points have grease fitting and serviceable bushing, reducing component-wearing.

