

## Model TSOP

The **TSOP** is specially designed for Narrow aisles warehouse, it is most flexible, ergonomics and cost effectiveness.

### Standard features:

- Full AC control system.
- Finger-tips operation handle.
- Electric power steering (EPS) system.
- With electric magnetic multi-valve.
- Multi-function display , brake status, driving direction, hour meter, driving speed ,fault code etc.
- 48V -3 phase AC type with large capacity battery 1000Ah.
- With smallest Aisle width is 1600mm.
- Full suspension comfortable seat with belt is adjustable.
- Germany ZF brand gear box.
- Adjustable steering wheel.
- Sideway battery system.



**AC** **EPS**

MODEL	TSOP	
Power		electric
Operation type		seated
<b>Load capacity / rated load</b>	<b>Q(kg)</b>	<b>1500</b>
Load centre distance	c (mm)	600
Load distance, centre of drive axle to fork	x (mm)	160
Wheelbase	Y (mm)	1840
Contre drive wheel/Counter weight	z (mm)	260
Service weight incl. battery (see line 6.5)	kg	6750
Axle loading, laden front / rear	kg	6080 / 2170
Axle loading, unladen front / rear	kg	3930 / 2820
Tyres		PU
Tyre size, front	mm	300 x 164
Tyre size, rear	mm	400 x 152
Wheels, number front / rear (x = driven wheels)	mm	2/1x
Track width, front	b <sub>10</sub> (mm)	1356
Lowered mast height	h <sub>1</sub> (mm)	2800/3200/3600/3800/4000/4300
Free lift	h <sub>2</sub> (mm)	1700/2100/2500/2700/2900/3200
<b>Lift height</b>	<b>h<sub>3</sub> (mm)</b>	<b>5000/6200/7400/8000/8600/9500</b>
Extended mast height	h <sub>4</sub> (mm)	6300/7500/8700/9300/9900/10800
Overhead load guard (cab) height	h <sub>5</sub> (mm)	2200
Seat height / standing height	h <sub>7</sub> (mm)	1120
Overall length (unladen)	l <sub>1</sub> (mm)	3340
Length to face of forks	l <sub>2</sub> (mm)	3055
Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	1260/1520
Fork dimensions	s/e/l (mm)	40/120/950
Fork carriage ISO 2328, class / type A, B		2/A
Fork carriage width	b <sub>3</sub> (mm)	880
Width over forks	b <sub>5</sub> (mm)	845
Width across guide roller	b <sub>6</sub> (mm)	1600
Reach, lateral	b <sub>7</sub> (mm)	1300
Ground clearance, laden, under mast	m <sub>1</sub> (mm)	80
Ground clearance, centre of wheelbase	m <sub>2</sub> (mm)	80
Aisle width for pallets 1200 x 800	A <sub>0</sub> (mm)	1700
Turning radius	W <sub>0</sub> (mm)	2170
Pallet width	b <sub>12</sub> (mm)	1200
Pallet length	l <sub>6</sub> (mm)	800/1200
Travel speed, laden / unladen	Km/h	8/8.5
Lift speed, laden / unladen	mm/s	200/300
Lowering speed, laden / unladen	mm/s	400/300
Reach speed, laden / unladen	mm/s	150/150
Service brake		regenerative / hydraulic
Parking brake		electric spring-loaded
Battery voltage, nominal capacity K5	V/Ah	48/1000Ah
Battery weight	Kg	1600
Type of drive control		AC power control
Sound level at driver's ear according to EN 12 053	dB(A)	70

