

SEMI FULLY | **Electric Hand Pallet Trucks**



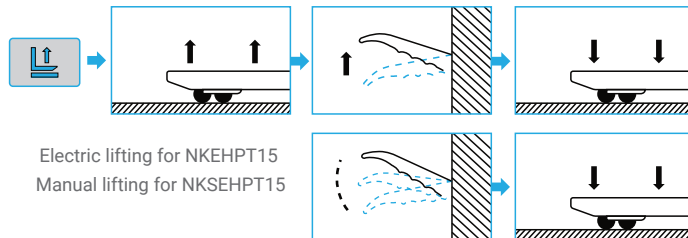
We Protect your product
Increase your storage
Improve your Labor Productivity
While enhancing Safety, Hygiene, & Ergonomics



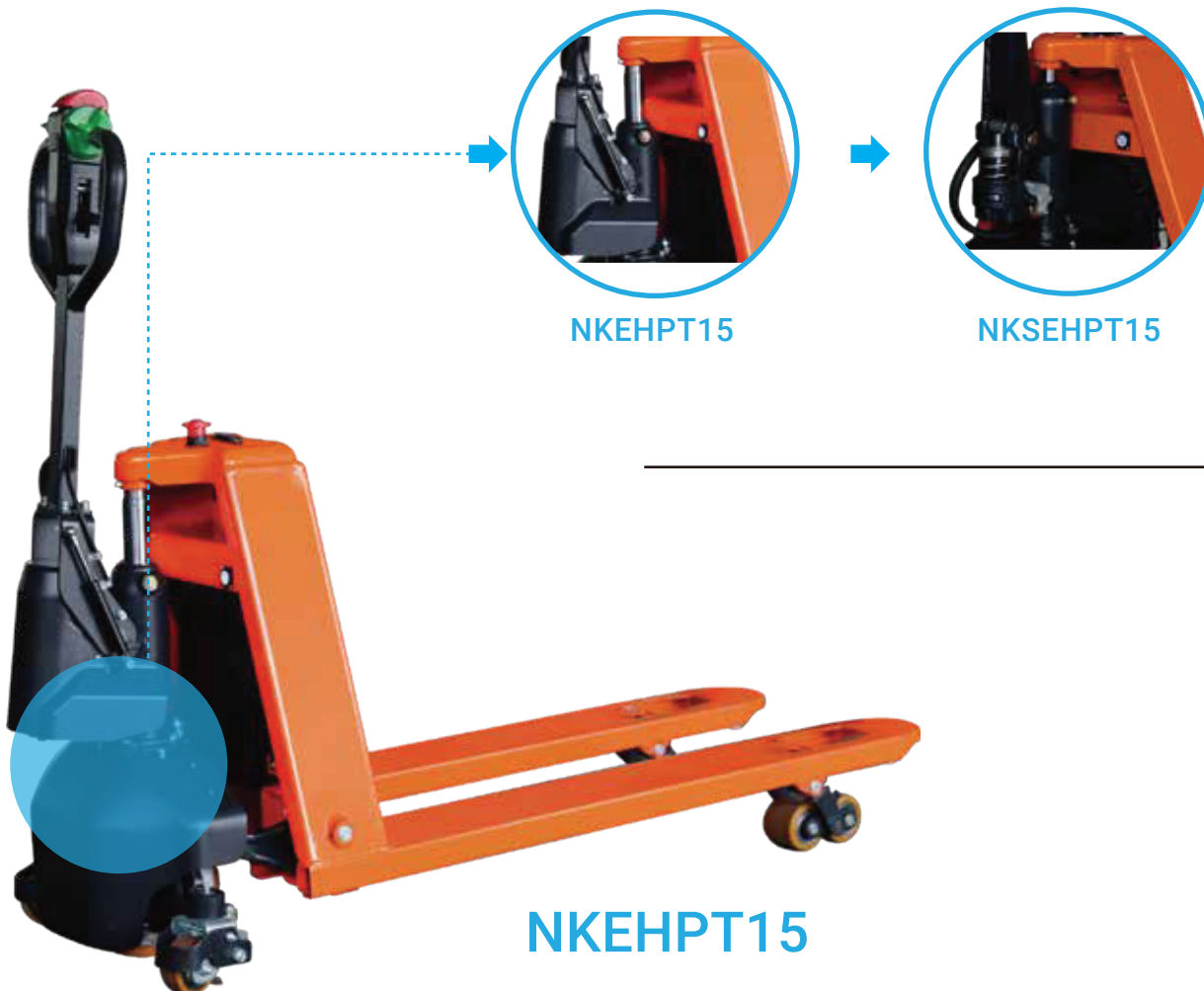
WHY USE A NILKAMAL ELECTRIC PALLET TRUCK



The NKEHPT15 and NKSEHPT15 series pallet trucks are the smart design best value electric and semi-electric pallet trucks which is perfect alternative to hand pallet trucks, it will increase the material handling efficiency and bring down the total cost esp. the labor involved.



Control handle
Turtle speed and vertical drive, big button, enables easy operation.





Suspension Caster

Optional bigger caster with excellent stability.

Drive system

48V DC brushless motor, maintenance free, big transmission ratio gearbox, high gradeability, low energy consumption.



Emergency switch

Emergency switch located where you can easily reach and control, assuring safety for people and truck.



Controller kit

One piece design allows for easy installation maintenance and replacement.



Fully enclosed drive wheel cover

Rigid and robust fully enclosed drive wheel cover gives all-round foot protection for operator.



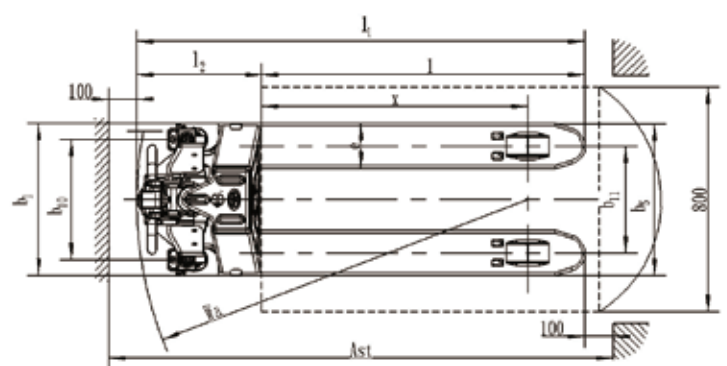
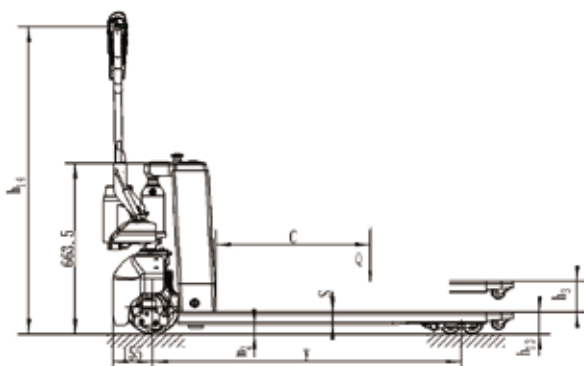
Multi-functional combo gauge

Integrated with on/off button, battery discharge indicator, fault code, speed setting etc.



Lithium Iron Phosphate Battery

48v LEP battery, easy replacement, low energy consumption, long working time, safer and stable cell with long service life.



TECHNICAL DETAILS

Distinguishing mark				
1.2	Manufacturer's type designation		NKEHPT15	NKSEHPT15
1.3	Drive		Battery	Battery
1.4	Operator type		Pedestrian	Pedestrian
1.5	Load Capacity / rated load	Q (t)	1.5	1.5
1.6	Load centre distance	c (mm)	600	600
1.8	Load distance ,centre of drive axle to fork	x (mm)	950	950
1.9	Wheelbase	y (mm)	1200	1200
Weight				
2.1	Service weight	kg	130	130
2.2	Axle loading, laden front/rear	kg	570 / 1060	570 / 1060
2.3	Axle loading, unladen front/rear	kg	100 / 30	100 / 30
Tyres, chassis				
3.1	Tires		Polyurethane	Polyurethane
3.2	Tire size,front	Ø xw (mm)	Ø 210×70	Ø 210×70
3.3	Tire size,rear	Ø xw (mm)	Ø 80×93 / Ø 80×70	Ø 80×93 / Ø 80×70
3.4	Additional wheels(dimensions)	Ø xw (mm)	-/Ø 80×30	-/Ø 80×30
3.5	Wheels,number front/rear(x=driven wheels)		1x/ 2	1x/ 2
3.6	Tread, front	b10 (mm)	-/430	-/430
3.7	Tread, rear	b11 (mm)	380 / 525	380 / 525
Dimensions				
4.4	Lift	h3 (mm)	115	115
4.9	Height of tiller in drive position min./ max.	h14 (mm)	680 /1190	680 /1190
4.15	Height, lowered	h13 (mm)	80	80
4.19	Overall length	l1 (mm)	1595	1595
4.20	Length to face of forks	l2 (mm)	445	445
4.21	Overall width	b1 (mm)	540 / 685	540 / 685
4.22	Fork dimensions	s/e/l (mm)	47 / 160 / 1150	47 / 160 / 1150
4.25	Distance between fork-arms	b5 (mm)	540 / 685	540 / 685
4.32	Ground clearance, centre of wheelbase	m2 (mm)	37	37
4.34	Aisle width for pallets800X1200 lengthways (200mm safe distance)	Ast (mm)	2310	2310
4.35	Turning radius	Wa (mm)	1390	1390
Performance Data				
5.1	Travel speed, laden/ unladen	km/h	4.5/ 4.8	4.5/ 4.8
5.2	Lift speed, laden/ unladen	m/s	0.015 / 0.02	Manual
5.3	Lowering speed, laden/ unladen	m/s	0.06 / 0.04	0.06 / 0.04
5.8	Max. gradeability, laden/ unladen	%	5 / 15	5 / 15
5.10	Service brake		Electromagnetic	Electromagnetic
Electric- engine				
6.1	Drive motor rating S2 60min	kW	0.75	0.75
6.2	Lift motor rating at S3 10%	kW	0.8	-
6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		No	No
6.4	Battery voltage, nominal capacity K5	V / Ah	48 / 12	48 / 12
6.5	Battery weigh	kg	5	5
6.6	Energy consumption acc: to VDI cycle	kWh/h	0.1	0.1
Additional data				
8.1	Type of drive control		BLDC	BLDC
8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	<70	<70

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