

ES-E 15 SERIES

RIDER-CONTROL ELECTRIC PALLET STACKER

Capacity 1500 KGS
Lift up to 1600mm - 4000mm
Drive by lead-acid battery



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Safety guardrail
Increase security and protect the safety of users



Solid metal fork
One-piece punching and forming, reinforced steel plate of fork roots, which can enhance the fork's rigidity and load-bearing capacity.



Lead-acid battery drive
(Li-Ion Battery optional)
Short charging time, long service life

Technical Specification

	Model		ES15E
Distinguishing mark	1.3 Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4 Operator type		Rider-control
	1.5 Load capacity / Rated load	Q(t)	1.5
	1.6 Load centre distance	C (mm)	500
	1.8 Load distance ,centre of drive axle to fork	X (mm)	685
Weight	1.9 Wheelbase	Y (mm)	1270
	2.1 Service weight	kg	620
	2.2 Axle loading, laden front/rear	kg	\
Tires, chassis	2.3 Axle loading, unladen front/rear	kg	\
	3.1 Tires		PU
	3.2 Tire size, front	Ø×w (mm)	Ø 210×70
	3.3 Tire size, rear	Ø×w (mm)	Ø 80×70
	3.4 Additional wheels(dimensions)	Ø×w (mm)	Ø 115×55
Dimensions	3.5 Wheels, number front/rear(x=driven wheels)		1x+1/2
	3.6 Track, front	b ₀ (mm)	625
	3.7 Track, rear	b ₁ (mm)	400/520
	4.2 Lowered mast height	h ₁ (mm)	1780
	4.3 Free Lift height	h ₂ (mm)	\
	4.4 Lift height	h ₃ (mm)	2410
	4.5 Extended mast height	h ₄ (mm)	2960
	4.9 Height of tiller in drive position min./ max.	h ₁₄ (mm)	1090/1430
	4.15 Height, lowered	h ₁₃ (mm)	90
	4.19 Overall length	l ₁ (mm)	2030
Performance data	4.20 Length to face of forks	l ₂ (mm)	880
	4.21 Overall width	b ₁ (mm)	820
	4.22 Fork dimensions	s/e/l (mm)	55/160/1150
	4.25 Distance between fork-arms	b ₂ (mm)	560/680
	4.32 Ground clearance, centre of wheelbase	m ₂ (mm)	30
	4.33 Aisle width for pallets 1000X1200 crossways	A _{st} (mm)	2438
	4.34 Aisle width for pallets 800X1200 lengthways	A _{st} (mm)	2412
	4.35 Turning radius	W _a (mm)	1560
	5.1 Travel speed, laden/ unladen	Km/h	4/4.5
	5.2 Lift speed, laden/ unladen	m/s	0.09/0.1
Electric-engine data	5.3 Lowering speed, laden/ unladen	m/s	0.1/0.09
	5.8 Max. gradeability, laden/ unladen	%	3/5
	5.10 Service brake		Electromagnetic
	6.1 Drive motor rating S2 60min	kw	0.75
	6.2 Lift motor rating at S3 4.5%	kw	2.2
Additional data	6.3 Battery acc. to DIN 43531/35/36 A, B, C, no		\
	6.4 Battery voltage, nominal capacity K5	V/Ah	24/80(100)
	6.5 B Battery weight +/-5%	kg	2±25
	6.6 Energy consumption acc: to VDI cycle	kWh/h	\
	8.1 Type of drive control		DC speed control
	8.4 Sound level at driver's ear acc. to EN 12053	dB(A)	69

