

PALLET STACKER

ECL15B

ELECTRIC STACKER

UN forklifts are designed to excel in the most challenging environments with increased safety, enhanced cooling systems, reduced noise and vibration all with low maintenance. With refined performance at an affordable price, UN Forklifts reduce the total cost of ownership and provide reliable and efficient solutions to drive productivity in your operations.



MODEL		ECL15B	
GENERAL SPECIFICATIONS			
Manufacturer's type designation		1600	3600
Drive		Battery	
Operator type		Pedestrian	
Load capacity/rated load	Q(t)	1.5	
Load centre distance	c (mm)	600	
Load distance ,centre of drive axle to fork	x (mm)	770	
Wheelbase	y (mm)	1258	1283
WEIGHT			
Service weight	kg	641	782
Axle loading, laden front/rear	kg	677/1464	722/1560
Axle loading, unladen front/rear	kg	446/195	544/238
TYRES, CHASSIS			
Tires		Polyurethane (PU)	
Tire size, front	Øxw (mm)	Ø 210×70	
Tire size, rear	Øxw (mm)	Ø 80×70	
Additional wheels (dimensions)	Øxw (mm)	Ø 100×50	
Wheels, number front/rear (x=driven wheels)		1x+1/ 4	
Tread, front	b10 (mm)	557	
Tread, rear	b11(mm)	410/525	



Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.

MODEL	ECL15B		
DIMENSION			
Lowered mast height	h1(mm)	1978	2280
Free Lift height	h2 (mm)	1510	78
Lift	h3 (nun)	1515	3615
Extended maximal height	h4 (mm)	1985	4005
Height of tiller in drive position min./max.	h14 (mm)	710/1245	
Height, lowered	h13 (mm)	85	
Overall length	l1 (mm)	1806	1830
Length to face of forks	l2 (mm)	656	681
Overall width	b1 (mm)	820	
Fork dimensions	s/e/l (mm)	60 / 180 / 1150	
Width across forks	b5 (mm)	570 / 685	
Ground clearance, centre of wheelbase min./max.	m2 (mm)	25	
Aisle width for pallets 1000x1200 crossways	Ast (mm)	2293	2317
Aisle width for pallets 800x1200 lengthwis	Ast (mm)	2237	2261
Turning radius	Wa (mm)	1450	1474
PERFORMANCE			
Travel speed,laden/unladen	km/h	4.4/4.7	
Lift speed,laden/unladen	mm/s	0.105/0.17	
Lowering speed,laden/unladen	mm/s	0.126/0.126	
Max gradeability,laden/unladen	%	5/10	
Service brake		Electromagnetic	
ELECTRIC - MOTOR			
Drive motor rating S2 60min	kW	0.75	
Lift motor rating at S3 7.5%	kW	2.2	
Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		No	
Battery voltage, nominal capacity K5	V/Ah	4x12/60	
Battery weight	kg	4x20	
Energy consumption acc. to VDI cycle	kWh/h	0.5	
ADDITIONAL DATA			
Type of drive control		DC- Speed Control	
Sound level at driver's ear acc. to EN 12053	dB(a)	<70	



Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.