

UN Forklift

FE Series 1.6-2.0T

3-Wheel Electric Forklift

Distinguishing Mark	1	Manufacturer		UN
	2	Model		FBT16-FENQZC
	3	Drive: Electric(battery or mains), Diesel, Petrol,fuel gas		Electric
	4	Operator type: Hand, Pedestrian, Standing, Seated, order-picker		Seated
	5	Load capacity /rated load	Q(kg)	1600
	6	Load centre distance	c(mm)	500
	7	Load distance, center of drive axle to fork	x(mm)	375
	8	Wheelbase	y(mm)	1355
Weight	9	Total Weight	kg	3280
Tyres & chassis	10	Tires:Solid rubber,Superelastic,Pneumatic, Polyurethane		pneumatic
	11	Tyre size (Front x 2)		18X7-8
	12	Tyre size (Rear x 2)		15x4.5-8
	13	Front tread	b10(mm)	918
	14	Rear tread	b11(mm)	180
Dimensions	15	Tilt of mast/fork carriage forward/backward	α/β (°)	6°/6°
	16	Mast lowered height	h1(mm)	2025
	17	Free lift height	h2(mm)	85
	18	Rated lift height	h3(mm)	3000
	19	Mast extended height (With backrest)	h4(mm)	4052
	20	Overhead guard height	h6(mm)	2085
	21	Length to face of fork (Without fork)	l2(mm)	1930
	22	Overall width	b1(mm)	1090
	23	Fork size (l×e×s)	l/e/s(mm)	920×100×35
	24	Distance between fork-arms	b5(mm)	200/1010
	25	Ground clearance (Laden,below mast)	m1(mm)	115
	26	Ground clearance (Centre of wheelbase)	m2(mm)	103
	27	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3261
	28	Aisle width for pallets 800×1200 lengthways	Ast(mm)	3386
Performance Data	29	Turning radius (Outside)	Wa(mm)	1560
	30	Travel speed (Full load)	km/h	13
	31	Travel speed (No load)	km/h	14
	32	Lifting speed (Full load)	mm/s	300
	33	Lifting speed (No load)	mm/s	440
	34	Max.Gradeability (Full load)	%	15
	35	Max.Gradeability (No load)	%	15
	36	Service brake		Hydraulic
Electric Engine	37	Parking brake		Mechanical
	38	Drive motor rating S2-60min	kw	2×4.8
	39	Lift motor rating at S3-15min	kw	9.5
	40	Battery voltage, nominal capacity	V/Ah	48V/460Ah
Addition Data	41	Battery weight	kg	748
	42	Type of drive control		MOS/AC
	43	Manufacturer		ZAPI
	44	Operating pressure (For attachments)	Mpa	17.5