

UN Forklift - V Series 2.0T-3.5T

Characteristics	1	Manufacturer	UN									
	2	Model	FB20-LVZN	FB20-LVZH	FB25-LVZN	FB25-LVZH	FB30-LVZN	FB30-LVZH	FB35-LVZN	FB35-LVZH		
	3	Drive	Electric									
	4	Operator type	Seated									
	5	Load capacity /rated load	Q(kg)	2000	2000	2500	2500	3000	3000	3500	3500	
	6	Load center	c(mm)	500								
	7	Front Overhang (wheel center to fork face)	x(mm)	460				475		480		
	8	Wheelbase	y(mm)	1620				1750				
Weight	9	Total Weight	kg	3500	3550	3880	3930	4430	4455	4900	4925	
	10	Weight Distribution Full Load (front/rear)	kg	4910/590	4930/620	5700/680	5720/710	6635/795	6645/810	7505/895	7515/910	
	11	Weight Distribution No Load (front/rear)	kg	1720/1780	1740/1810	1710/2170	1730/2200	1955/2475	1965/2490	2040/2860	2050/2875	
Tyres, chassis	12	Tires	pneumatic						superelastic			
	13	Tyre size (Front x 2)	7.00-12-12PR				28x9-15-12PR		28x9-15			
	14	Tyre size (Rear x 2)	18x7-8-14PR				18x7-8-14PR		18x7-8			
	15	Front tread	b10(mm)	980				1000				
16	Rear tread	b11(mm)	970				990					
Dimensions	17	Tilt of mast/fork carriage forward/backward	α/β (°)	6°/12°								
	18	Mast lowered height	h1(mm)	2055				2070				
	19	Free lift height	h2(mm)	140		145		150				
	20	Rated lift height	h3(mm)	3000								
	21	Mast extended height (With backrest)	h4(mm)	4070								
	22	Overhead guard height	h6(mm)	2245				2265				
	23	Length to face of fork (Without fork)	l2(mm)	2415				2580				
	24	Overall width	b1(mm)	1180				1225				
	25	Fork size (l×e×s)	l/e/s(mm)	1070×120×40				1070×125×45		1070×125×50		
	26	Distance between fork-arms	b5(mm)	245/1030				250/1075				
	27	Ground clearance (Laden,below mast)	m1(mm)	120				130				
	28	Ground clearance (Centre of wheelbase)	m2(mm)	135				155				
	29	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3825		3825		4005		4010		
	30	Aisle width for pallets 800×1200 lengthways	Ast(mm)	4025		4025		4205		4210		
	31	Turning radius (Outside)	Wa(mm)	2165				2330				
Performance	32	Travel speed (Full load)	km/h	14	18	14	18	14	18	14	17	
	33	Travel speed (No load)	km/h	15	19	15	19	15	19	15	18	
	34	Lifting speed (Full load)	mm/s	350	440	350	440	340	390	340	390	
	35	Lifting speed (No load)	mm/s	490	560	490	560	450	540	450	540	
	36	Max.Gradeability (Full load)	%	15	19	15	19	15	19	15	19	
	37	Max.Gradeability (No load)	%	15	20	15	20	15	20	15	20	
	38	Max.Drawbar pull (laden/unladen)	N	16500			19000		17500		21500	
	39	Service brake	Hydraulic									
40	Parking brake	Mechanical										
Drive	41	Drive motor rating S2-60min	kw	15	16.6	15	16.6	15	16.6	15	16.6	
	42	Lift motor rating at S3-15min	kw	21	25.5	21	25.5	21	25.5	21	25.5	
	43	Battery voltage, nominal capacity	V/Ah	80V/220Ah	80V/350Ah	80V/220Ah	80V/350Ah	80V/270Ah	80V/350Ah	80V/270Ah	80V/350Ah	
	44	Battery weight	kg	265	295	265	295	280	295	280	295	
Others	45	Type of drive control	MOS/AC									
	46	Manufacturer	ZAPI									
	47	Operating pressure (For attachments)	Mpa	17.5								