

## V SERIES

2.0T-3.5T

### LI-ION BATTERY FORKLIFT

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		2.0	2.0	2.5	2.5	3.0	3.0	3.5	3.5
<b>GENERAL SPECIFICATIONS</b>									
Load Capacity	T	2.0	2.0	2.5	2.5	3.0	3.0	3.5	3.5
Load Capacity	Q(kg)	2000	2000	2500	2500	3000	3000	3500	3500
Load Centre	mm	500							
<b>CHARACTERISTICS &amp; DIMENSION</b>									
Rated Lift Height	H3(mm)	3000							
Free Lift Height	H2(mm)	140				145		150	
Fork Size (LxWxT)	mm	1070×120×40				1070×125×45		1070×125×50	
Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
Length to face of fork (Without fork)	L2(mm)	2415	2415	2415	2415	2580	2580	2580	2580
Overall Width	B1(mm)	1180				1225			
Mast Lowered Height	H1(mm)	2055				2070			
Mast Extended Height (With Backrest)	H4(mm)	4070							
Overhead Guard Height	H6(mm)	2245				2265			
Turning Radius (Outside)	Wa(mm)	2165				2330			
Ground Clearance (Laden, below mast)	m1(mm)	120				130			
Ground clearance (Centre of wheelbase)	m2(mm)	135				155			

**ISUZU**



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.

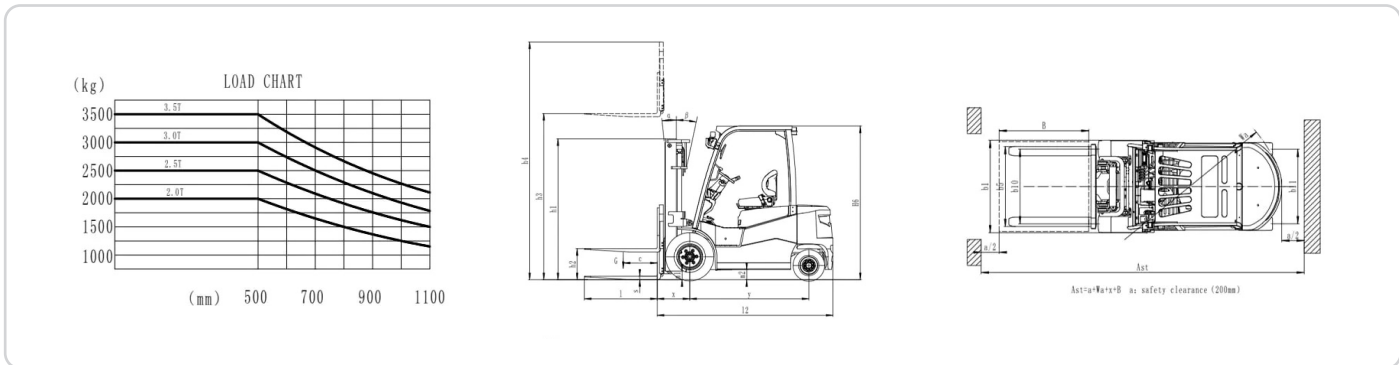
MODEL		2.0	2.0	2.5	2.5	3.0	3.0	3.5	3.5
Max.Gradeability (Full load)	%	15	19	15	19	15	19	15	19
Max.Gradeability (No load)	%	15	20	15	20	15	20	15	20
Max.Drawbar pull (laden/unladen)	N	16500		19000		17500		21500	
Aisle width for pallets 1000×1200 crossways	Ast(mm)	3825		3825		4005		4010	
Aisle width for pallets 800×1200 lengthways	Ast(mm)	4025		4025		4205		4210	
TYRE									
Tires		pneumatic						superelastic	
Tyre size (Front x 2)	b10(mm)	7.00-12-12PR				28x9-15-12PR		28x9-15	
Tyre size (Rear x 2)	b11(mm)	18×7-8-14PR				18×7-8-14PR		18×7-8	
PERFORMANCE									
Travel Speed (Full Load)	km/h	14	18	14	18	14	18	14	17
Travel Speed (No Load)	km/h	15	19	15	19	15	19	15	18
Lifting Speed (Full Load)	mm/sec	350	440	350	440	340	390	340	390
Lifting Speed (No Load)	mm/s	490	560	490	560	450	540	450	540
WEIGHT									
Total Weight	kg	3500	3550	3880	3930	4430	4455	4900	4925
Weight Distribution Full Load (front/rear)	kg	4910/590	4930/620	5700/680	5720/710	6635/795	6645/810	7505/895	7515/910
Weight Distribution No Load (front/rear)	kg	1720/1780	1740/1810	1710/2170	1730/2200	1955/2475	1965/2490	2040/2860	2050/2875
Battery Weight	kg	265	295	265	295	280	295	280	295
DRIVE									
Service brake		Hydraulic							
Parking brake		Mechanical							
Drive motor rating S2-60min	kw	15	16.6	15	16.6	15	16.6	15	16.6
Lift motor rating at S3-15min	kw	21	25.5	21	25.5	21	25.5	21	25.5
Battery voltage, nominal capacity	V/Ah	80V/220Ah	80V/350Ah	80V/220Ah	80V/350Ah	80V/270Ah	80V/350Ah	80V/270Ah	80V/350Ah
Type of drive control		MOS/AC							
Manufacturer		ZAPI							
Controller Manufacturer	Mpa	17.5							

**ISUZU**



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	2.0	2.0	2.5	2.5	3.0	3.0	3.5	3.5
<b>EXTRAS INCLUDED</b>								
Side-Shift	-	-	-	-	-	-	-	-
Fork postioner	-	-	-	-	-	-	-	-
Solid Non-Marking Tyres	-	-	-	-	-	-	-	-



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.