

## ARTISON Diesel- and Gasoline forklift trucks 3,5 to. (LSP 500 mm)

### Specification

Characteristics	1	Manufacturer		ARTISON	ARTISON	
	2	Model	Manufacturer's designation	FD35	FG35	
	3	Capacity	Q Load	kg	3500	3500
	4	Load center	C Distance	mm	500	500
	5	Engine type	Battery, Diesel, Gasoline, LPG		Diesel	Gasoline
	6	Driving position	Pedestrian, Stand, Sit		Sit	Sit
	7	Tires	S= Solid, P=Pneumatic	front/rear	L/2	L/2
	8	Wheels (X=drive wheel)	Number	front/rear	2x2	2x2
Dimensions	9	Lift at 2-stage mast	h3 lift	mm	3300	3300
	10		h2 Standard free lift	mm	80	80
	11		h5 Optional free lift		1490	1490
	12	Forks carrier	h8 Height of protection lattice	mm	1220	1220
	13	Fork size	Thickness(s)xWidth(e)xLength(l)	mm	50x122x1070	50x122x1070
	14	Mast tilting angle	Forward ( ) / Back ( )	deg	6°/12°	6°/12°
	15	Dimensions	L2 Length to face of forks	mm	2860	2860
	16		B Total width (std/wide tread)	mm	1290 (1655)	1290 (1655)
	17		h1 Height mast lowered	mm	2180	2180
	18		h4 Height mast extened	mm	4220	4220
	19		h6 Overhead guard height	mm	2180	2180
	20		h7 Seat height	mm	1210	1210
	21		Turning radius	R	mm	2615
22	Load distance	X From center of front axle	mm	480	480	
23	working width	Ast 800x1200/1000x1200	mm	4095/4295	4095/4295	
Weight and Performance	24	Speeds	Travel speed with load /	km/h	16	16
	25		Travel speed without load	km/h	18	18
	26		Lift speed: with/witout load	m/s	0.41/0.54	0.40/0.45
	27		Lowering speed:with/without load	m/s	0.45/0.42	0.45/0.42
	28	pulling power	With load/without load	N	17900/13400	17700/14000
	29	Path capacity	With load (H/L)	%	21	21
	30		Without load (H/L)	%	18	18
	31	Service weight		kg	4450	4370
32	Axle loading	With load	kg	7160/1040	7110/1010	
33		Without load	kg	1800/2900	1750/2870	
Wheels and Tires	34	Wheels	Number		2/2	2/2
	35		Size	front	8.15-15-12PR	8.15-15-12PR
	36			rear	6.5010-10PR	6.50-10-10PR
	37	Wheelbase	y	mm	1850	1850
	38	Track	front/rear	mm	1055 (1459)/ 985	1055 (1459)/ 985
	39	Ground clearance	With load m1 at lowest point	mm	120	120
	40		With load m2 center of wheelbase	mm	220	220
	41	Service brake	Mechanical/Hydraulic		hydraulic	hydraulic
42	Parking brake	Operation		hand	hand	
Power unit and Transmission	43	Battery	Type		95D31R(NX120-7)	65D26R(NS70)
	44		Voltage	V	12	12
	45		Capacity	(AH/5HR)	65	52
	46		Weight	kg	22.6	17,4
	47		Dimension	mm	306Lx173Wx225H	260Lx173Bx225H
	48	Engine	Manufacturer		YANMAR	NISSAN
	49		Model		4TNE98-URTL	K25
	50		Output	kw	44,1	38
	51		Speed (full load governed)	rpm	2725	3200
	52		Number of cylinders/ displacement	-/cc	4/3319	4/2488
	53		Fuel consumption	g/HPh	269/2000	285/2300
	54		Transmission	Type		Powershift
	55	Service pressure		kg/cm <sup>2</sup>	185	185

**Ast = X+R+b**

**b = Load Lenght**

**a = Clearance (200 mm)**

This is only for your reference and not subject to notice in advance if there is any modification.