

ARTISON Diesel- and Gasoline forklift trucks 3,0 to.

Specification

Characteristics	1	Manufacturer			ARTISON	ARTISON	
	2	Model	Manufacturer's designation		FD 30	FG30	
	3	Capacity	Q Load	kg	3000	3000	
	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	P(S)/P(S)	P(S)/P(S)	
	8	Wheels (X=drive wheel)	Number	front/rear	2x2	2x2	
Dimensions	9		h3 lift	mm	3300	3300	
	10	Lift at 2-stage mast	h2 Standard free lift	mm	80	80	
	11		h5 Optional free lift		1490	1490	
	12		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	2600	2600	
	16		B Total width	mm	1290 (1655)	1290 (1655)	
	17		h1 Height mast lowered	mm	2180	2180	
	18		h4 Height mast extended	mm	4220	4220	
	19		h6 Overhead guard height	mm	2180	2180	
	20		h7 Seat height	mm	1210	1210	
	21		Turning radius	R	mm	2415	2415
22	Load distance	X From center of front axle	mm	480	480		
23	working width	Ast 800x1200/1000x1200	mm	3895/4095	3895/4095		
Weight and Performance	24	Speeds	Travel speed with load	km/h	17	17	
	25		Travel speed without load	km/h	18	18	
	26		Lift speed: with/witout load	m/s	0,41/0,46	0,41/0,45	
	27		Lowering speed:with/without load	m/s	0,32/0,35	0,45/0,42	
	28	Pulling power	With load/without load	N	18300/13300	18000/14100	
	29	Path capacity	With load (H/L)	%	23	21	
	30		Without load (H/L)	%	18	18	
	31	Service weight		kg	4250	4170	
	32	Axle loading	With load	kg	6520/980	6460/960	
	33		Without load	kg	1740/2760	1670/2750	
Wheels and Tires	34	Wheels	Number		2/2	2/2	
	35		Size	front		8.15-15-12PR	8.15-15-12PR
	36			rear		6.50-10-10PR	6.50-10-10PR
	37	Wheelbase	y	mm	1700	1700	
	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	260Lx173Wx225H	
	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	Powershift		

Ast = X₁ + b - a
b = Load Length
a = Clearance (200 mm)



55	Service pressure		kg/cm ²	185	185
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Ast = X+R+b+a
b = Load Length
a = Clearence (200 mm)