

ARTISON Diesel forklift trucks 4,0 - 5,0 to.

Specification

Characteristics	1	Manufacturer		ARTISON	ARTISON	ARTISON	
	2	Model	Manufacturer's designation	FD40	FD45	FD50	
	3	Capacity	Q Load	kg	4000	4500	5000
	4	Load center	C Distance	mm	600	600	600
	5	Engine type	Diesel, Battery, Gasoline, LPG		Diesel	Diesel	Diesel
	6	Driving position	Pedestrian, Stand, Sit		Sit	Sit	Sit
	7	Tires	S=Solide, P=Pneumatic	front/near	P(S)/P(S)	P(S)/P(S)	P(S)/P(S)
	8	Weels (X=drive wheel)	Number	front/near	2x2	2x2	2x2
Dimensions	9	Lift at 2-stage mast	h3 lift	mm	3300	3300	3300
	10		h2 Standard free lift	mm	80	80	80
	11		h5 Optioal free lift		1490	1490	1490
	12	Forks carrier	h8 Height of protection lattice	mm	1220	1220	1220
	13	Fork size	Thickness(s)xWidth(e)xLength(l)	mm	60x150x1220	60x150x1220	65x150x1220
	14	Mast tilting angle	Forward() / Back ()	deg	6°/12°	6°/12°	6°/12°
	15	Dimensions	L2 Lenght to face of forks	mm	3110	3160	3310
	16		B Total width (std/wide tread)	mm	1450/1680	1450/1680	1450/1680
	17		h1Height mast lowered	mm	2340	2340	2340
	18		h4 Height mast extened	mm	4520	4520	4520
	19		h6 Overhead guard height	mm	2330	2330	2330
	20		h7 Seat height	mm	1220	1220	1220
	21		Turning radius	R	mm	2850	2900
22	Load distance	X From center of front axle	mm	570	570	570	
23	working width	Ast 800x1200/1000x1200	mm	4420/4620	4520/4720	4670/4870	
Weight and Performance	24	Speeds	Travel speed with load (H/L)	km/h			
	25		Travel speed without load (H/L)	km/h	21/23	21/23	21/23
	26		Lift speed: with/witout load	m/s	0.45/0.50	0.44/0.50	0.40/0.50
	27		Lowering speed:with/without load	m/s	0.40/0.40	0.40/0.40	0.40/0.40
	28	Pulling power	With load/without load	N	37400/18630	37385/18630	33203/18630
	29	Path capacity	with load (H/L)	%	36	38	38
	30		without load (H/L)	%	21	23	23
	31	Service weight		kg	6420	6550	6700
32	Axle loading	With load	kg	8787/1633	10065/985	10782/918	
33		Without load	kg	2625/3795	2692/3858	2718/3982	
Wheels and Tires	34	Wheels	Number		2/2	2/2	2/2
	35		Size	front	300x15-20PR	300x15-20PR	300x15-20PR
	36		rear	7.00x12-12PR	7.00x12-12PR	7.00x12-12PR	
	37	Wheelbase	y	mm	2000	2050	2200
	38	Track	front/rear	mm	1150(1380)1190	1150(1380)1190	1150(1380)1190
	39	Ground clearance	With load: m1 at lowest point	mm	140	140	140
	40		With load: m2 center of wheelbase	mm	230	230	230
	41	Service brake	Mechanical/Hydraulic		hydraulic	hydraulic	hydraulic
42	Parking brake	Operation		Hand	Hand	Hand	
Power unit Transmission	43	Battery	Type		95E41R (N100)	95E41R (N100)	95E41R (N100)
	44		Voltage	V	2x12	2x12	2x12
	45		Capacity	(AH/5HR)	100	100	100
	46		Weight	kg	26.4	26.4	26.4
	47		Dimension	mm	410Lx175Bx233H	410Lx175Bx233H	410Lx175Bx233H
	48	Engine	Manufacturer		PERKINS	PERKINS	PERKINS
	49		Model		1104D-44	1104D-44	1104D-44
	50		Output	kw	56	56	56
	51		Speed (full load governed)	rpm	2200	2200	2200
	52				4	4	4
			Number of cylinders/ displacement	-/cc	4400	4400	4400
	53		Fuel consumption	g/HPh	225/1700	225/1700	225/1700
	54		Transmission	Type		Wandler	Powershift
55	Service pressure		kg/cm²	160	160	160	

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

Ast = X+R+b+a

b = Load Lenght

a = Clearence (200 mm)

