

## ARTISON Gasoline forklift trucks 4,0 - 5,0 to.

### Specification

Characteristics	1	Manufacturer		ARTISON	ARTISON	ARTISON				
	2	Model	Manufacturer's designation	FG40	FG45	FG50				
	3	Capacity	Q Load	kg	4000	4500	5000			
	4	Load center	C Distance	mm	600	600	600			
	5	Engine type	Battery, Diesel, Gasoline, LPG		Gasoline	Gasoline	Gasoline			
	6	Driving position	Pedestrian, Stand, Sit		Sit	Sit	Sit			
	7	Tires	S= Solid, P=Pneumatic	front/rear	P(S)/P(S)	P(S)/P(S)	P(S)/P(S)			
	8	Wheels (X=drive wheel)	Number	front/rear	2x2	2x2	2x2			
Dimensions	9		h3 lift	mm	3300	3300	3300			
	10	Lift at 2-stage mast	h2 Standard free lift	mm	80	80	80			
	11		h5 Optioal free lift		1490	1490	1490			
	12		h8 Height of protection lattice	mm	1220	1220	1220			
	13	Fork size	Thickness(s)xWidth(e)xLength(l)	mm	50x150x1220	50x150x1220	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		h1 Height mast lowered	mm	2340	2340	2340			
	18		h4 Height mast extended	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	3050		
	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 /	km/h	17/19	17/19	15/19			
	25		Travel speed without load							
	26		Lift speed: with/without load					0.40/0.48	0.38/0.48	0.35/0.48
	27		Lowering speed:with/without load					0.40/0.40	0.40/0.40	0.40/0.40
	28	Pulling power	With load/without load	N	32700/15730	32670/15730	31553/15730			
	29	Path capacity	With load (H/L)	%	35	35	30			
	30		Without load (H/L)	%	20	20	20			
	31	Service weight		kg	6470	6600	6750			
32	Axle loading	With load	kg	8817/1653	10095/1005	10812/938				
33		Without load	kg	2647/3823	2712/3888	2738/4012				
Wheels and Tires	34		Number		2/2	2/2	2/2			
	35	Wheels	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 and Transmission	43	Battery	Type		95E41R (N100)	95E41R (N100)	95E41R (N100)			
	44		Voltage	V	12	12	12			
	45		Capacity	(AH/5HR)	100	100	100			
	46		Weight	kg	26.4	26.4	26.4			
	47		Dimension	mm	410Lx176Bx233H	410Lx176Bx233H	410Lx176Bx233H			
	48	Engine	Manufacturer		NISSAN	NISSAN	NISSAN			
	49		Model		TB42	TB42	TB42			
	50		Output	kw	69	69	69			
	51		Speed (full load governed)	rpm	2400	2400	2400			
	52		Number of cylinders/ displacement	-/cc	4/4169	4/4169	4/4169			
	53		Fuel consumption	g/HPh	210/2000	210/2000	210/2000			
	54		Transmission	Type		Powershift	Powershift	Powershift		
	55		Service pressure		kg/cm <sup>2</sup>	160	160	160		

**Ast = X+R+b+a** This is only for your reference and not subject to notice in advance if there is any modification.  
**b = Load Lenght**  
**a = Clearence (200 mm)**

