



Technical specifications
for IC forklift trucks, series DV / GV

General information	1	Manufacturer		Abridged name		DV 20/25	DV 30	DV 35	DV 40
	2	Type		Manufacturer designation		1786.33	1788.33	1792.33	1794.33
	3	Load capacity	Q	Rated load	t	2.0/2.5	3.0	3.5	4.0
	4	Load centre	c	from Fork face	mm	500			
	5	Power unit		electrical; diesel; LPG		Diesel; LPG			
	6	Driver position		Walking, standing, sitting;		sitting			
	7	Tyres		Front/rear (V-solid; L-pneumatic)		L/L			
	8	Wheels (x-driven)		Number front/rear	pcs.	2x/2			4x/2
Basic Dimensions	9	Two-stage mast lifts	h3	max lift height	mm	3300			
	10		h2	nominal free lift	mm	150			
	11		h5	full-free lift	mm				
	12	Fork carriage		According DIN 15173 A/B/none		2A	3A		
	13	Fork dimensions		s / e / l	mm	40/100/950	50/140/950		60/140/950
	14	Tilt		α -forward / β -back	deg	5 / 12			
	15	Overall dimensions	L2	Length to fork face	mm	2490	2650	2726	2856
	16		B	Width	mm	1189	1214		1705
	17		h1	Height, mast lowered	mm	2230	2240		
	18		h4	Height, mast extended	mm	3840	3850		4040
	19		h6	Height, Overhead guard	mm	2175			
	20		h7	Height to the seat	mm	1120			
	21	Turning radius	Wa	Outside	mm	2240	2400	2440	2600
22	Load distance	x	from Front axle to Fork face	mm	465	490		500	
23	Aisle width	Ast	for 800/1200, 1000/1200 pallets	mm	3980	4150		4800	
Performance	24	Speeds		Travelling loaded / unloaded	km/h	24	22		
	25			Lowering loaded / unloaded	m/s	0.6 / 0.6	0.5 / 0.5	0.4 / 0.4	
	26			Lifting loaded / unloaded	m/s	0.5 max / 0.3 min			
	27	Draw force		loaded	N	min 16000			
29	Gradeability		loaded / unloaded	%	min 17				

					DV 20/25	DV 30	DV 35	DV 40	
	32	Own weight		incl. battery	kg	3550 / 3760	4520	4800	5450
Chassis	35			Quantity front/rear	pcs.	2 / 2		4 / 2	
	36	Tyres		Dimensions	front	"(mm)	8.15 - 15		
	37		rear		"(mm)	6.50 - 10			
	38	Wheelbase	y		mm	1630	1800	1920	
39	Track		centre of tyre	front/rear	mm	964 / 961	991 / 961	1240 / 961	
Drive train	49			Manufacturer, type		VAMO, D 3900 K / VAMO, G 3900 Gas			
	50	IC engine		Rated Output	kW	57 @ 2500 rpm			
	51			Speed	rpm	2500			
	52			Cylinders / Displacement	cm ³	4 / 3860			
	53	Transmission		Type, speeds F/B, Model		Power-shift, 1/1, HDP 6860.6			
	54	Clutch		Type		Hydraulic torque converter			
57	Hydraulic pressure		for attachments	bar	160				

Manufacturer designation

FLT designation	IC engine
DV □□□□. □□. □□	- VAMO D 3900 K
GV □□□□. □□. □□	- VAMO G 3900 Gas

Model	Load Capacity		Lifting Mast			
	□□□□		.□□		.□□	
DV 20	1784	2,0 t	.33	h3 = 3300	.21	Simplex - Classical type with central hydraulic cylinder and low free lift (<i>h2 = 150 mm</i>)
DV 25	1786	2,5 t	.40	h3 = 4000		
DV 30	1788	3,0 t	.45	h3 = 4500		
DV 35	1792	3,5 t				
DV 40	1794	4,0 t				
DV 20	1784	2,0 t	.33	h3 = 3300	.22	Simplex - Wide view, with two hydraulic cylinders at both sidelong, no free lift (<i>h2 = 0 mm</i>)
DV 25	1786	2,5 t	.40	h3 = 4000		
DV 30	1788	3,0 t	.45	h3 = 4500		
DV 35	1792	3,5 t				
DV 40	1794	4,0 t				
DV 20	1784	2,0 t	.40	h3 = 4000	.33	Triplex
DV 25	1786	2,5 t	.45	h3 = 4500		
DV 30	1788	3,0 t				
DV 35	1792	3,5 t				
DV 40	1794	4,0 t				