



## Technical specifications

### for IC forklift trucks, series DV-VR / GV-VR

		General information		DV-VR 20	DV-VR 25	DV-VR 30	DV-VR 35	DV-VR 40	
		1	Manufacturer	Abridged name					
	2	Type	Manufacturer designation	1784	1786	1788	1792	1794	
	3	Load capacity	<b>Q</b> Rated load	<i>t</i> 2,0	2,5	3,0	3,5	4,0	
	4	Load centre	<b>c</b> from Fork face	<i>mm</i>	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 or V/V					
	8	Wheels (x-driven)	Number front/rear	<i>pcs.</i>	2x/2			4x/2	
Basic Dimensions	9		<b>h3</b> Max lift height	<i>mm</i>	3300				
	10	Two-stage mast lifts	<b>h2</b> Nominal free lift	<i>mm</i>	150				
	11		<b>h5</b> Full-free lift	<i>mm</i>					
	12	Fork carriage	According DIN 15173 A/B/none		2A		3A		
	13	Fork dimensions	<i>s / e / l</i>	<i>mm</i>	40/125/950	50/140/950		60/140/950	
	14	Tilt	$\alpha$ -forward / $\beta$ -back	<i>deg</i>	5/12				
	15	Overall dimensions	<b>L2</b> Length to fork face	<i>mm</i>	2435	2490	2650	2726	2856
	16		<b>B</b> Width	<i>mm</i>	1189				1214
	17		<b>h1</b> Height, mast lowered	<i>mm</i>	2230		2240		
	18		<b>h4</b> Height, mast lowered	<i>mm</i>	3840		3850		4040
	19		<b>h6</b> Height, mast extended	<i>mm</i>	2195				
	20		<b>h7</b> Height, Overhead guard	<i>mm</i>	1120				
	21	Turning radius	<b>Wa</b> Outside	<i>mm</i>	2155	2240	2400	2440	2600
22	Load distance	<b>x</b> from Front axle to Fork face	<i>mm</i>	455	465	490		500	
23	Aisle width	<b>Ast</b> for 800/1200, 1000/1200 pallets	<i>mm</i>	3950	3980	4150		4800	
Performance	24	Speeds	Travelling loaded / unloaded	<i>km/h</i>	24		22		
	25		Lowering loaded / unloaded	<i>m/s</i>	0.6 / 0.6		0.5 / 0.5	0.4 / 0.4	
	26		Lifting loaded / unloaded	<i>m/s</i>	0.5 max / 0.3 min				
	27	Draw force	loaded	<i>N</i>	min 16000				
29	Gradeability	loaded / unloaded	<i>%</i>	17 min					

					DV-VR 20	DV-VR 25	DV-VR 30	DV-VR 35	DV-VR 40	
	32	Own weight		incl. battery	kg	3550	3760	4520	4800	5450
Chassis	35			Quantity	front/rear	2 / 2		4 / 2		
	36	Tyres		Dimensions	front	7 x 12		8.15 - 15		
	37			rear	"(mm)	6 x 9		6.50 - 10		
	38	Wheelbase	y		mm	1630	1800	1920		
	39	Track		centre of tyre	front/rear	mm	964 / 961		991 / 961	1240/961
	40	Clearing	m1	At the lowest point	loaded	mm	120		135	
	41		m2	At the centre of the base	loaded	mm	125		140	
Drive train	49			Manufacturer, type		VAMO, D 3900 K / VAMO, G 3900 Gas				
	50	IC engine		Rated Output	kW	57				
	51			Speed	min <sup>-1</sup>	2500				
	52			Cylinders / Displacement		4 / 3860				
	53	Transmission		Type, speeds F/B, Model		Power-shift HDP 6860.6 1/1				
	54	Clutch		Type		Hydraulic torque converter				
	57	Hydraulic pressure		for attachments	bar	160				

### Manufacturer designation

#### FLT designation

#### IC engine

DV □□□□. □□. □□ - VR	-	VAMO D 3900 K
GV □□□□. □□. □□ - VR	-	VAMO G 3900 Gas

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