

Reach Truck VRT

Type sheet for industrial Trucks according to VDI 2198

Characteristics	1.1	Manufacturer			Veni and Co Ltd
	1.2	Model design			VRT 1660
	1.3	Power unit			Battery
	1.4	Operation			Seated
	1.5	Load capacity γ	Q	(kg)	1600
	1.6	Load center	c	(mm)	600
	1.8	Axle center to fork face	x	(mm)	141
	1.9	Wheelbase	y	(mm)	1305
	Weights	2.1	Service weight		(kg)
Wheels/ tyres	3.1	Tyres			VULKOLLAN
	3.2	Tyre size, front (drive) wheel		(mm)	D 343x140
	3.3	Tyre size, rear (load) wheel		(mm)	D 285x100
	3.5	Wheels, number front (drive)/ rear (load) (x=driven)		(mm)	1x/2
	3.7	Track width (rear)	b11	(mm)	1120
Dimensions	4.1	Fork carriage tilt, forward/backward	a/b	(Grad)	2/4
	4.2	Height, mast lowered	h1	(mm)	2606
	4.3	Free lift	h2	(mm)	1896
	4.4	Lift	h3	(mm)	5930
	4.5	Height, mast extended	h4	(mm)	6640
	4.7	Height of overhead guard	h6	(mm)	2290
	4.8	Height of seat	h7	(mm)	1125
	4.10	Height of reach legs	h8	(mm)	305
	4.15	Height lowered	h13	(mm)	70
	-.-	Height forks lifted	h3+h13	(mm)	6000
	4.19	Overall length	l1	(mm)	2598
	4.20	Length to fork face	l2	(mm)	1398
	4.21	Overall width	b1	(mm)	1250/1254
	4.22	Fork dimensions	s/e/l	(mm)	56/140/1200
	4.23	Fork carriage to DIN15173	-	-	2B
	4.24	Width of fork carriage	b3	(mm)	820
	4.25	Overall forks width	b5	(mm)	300/700
	4.26	Width between reach legs	b4	(mm)	962
	4.28	Reach travel	l4	(mm)	300
	4.31	Ground clearance, mast	m1	(mm)	70
4.32	Ground clearance, center of wheelbase	m2	(mm)	85	
4.34	Aisle width pallet 800x1200 mm / across forks	Ast	(mm)	2788	
4.34.1	Aisle width pallet 800x1200 mm / along forks	Ast	(mm)	2872	
4.35	Turning radius	Wa	(mm)	1540	
4.37	Length across wheel arms	l7		1682	
Performance	5.1	Travel speed, with/without load	Travel spe	(km/h)	12.0/12.0
	5.2	Lifting speed, with/without load	Lifting spe	(m/s)	0.41/0.71
	5.3	Lowering speed, with/without load	Lowering s	(m/s)	0.53/0.45
	5.7	Climbing ability, with/without load, rating 30 min		(%)	4/8
	5.8	Maximum climbing ability, with/without load, rating 5 min		(%)	10/10
5.10	Service brake			gener./electric	
Drive	6.1	Drive motor, rating S2 60 min		(kW)	6.4
	6.2	Lift motor, rating S3 15%		(kW)	16.8
	6.4	Battery voltage/rated capacity C5		(V/Ah)	48/620
	6.5	Battery weight		(kg)	944
Other	8.1	Type of drive control			electronic/stepless

