

Technical parameter				VDSE116-85	VDSE216-85
Basic parameters	1.1	Manufacturer		Zowell	Zowell
	1.2	Brand		Zowell	Zowell
	1.3	Power supply		Electric	Electric
	1.4	Driving type		Sitting on	Sitting on
	1.5	Rated load	Q(kg)	1600	1600
	1.6	Load center	C(mm)	600	600
	1.7	Wheelbase	y(mm)	1960	1960
	1.8	Truck weight (Include battery)	kg	1000	1590
Tyre	3.1	Tyres type Front wheel/Rear wheel		PU	PU
	3.2	Front load wheels (Diameter×width)	mm	φ370X172	φ370X172
	3.3	Rear driving wheel (Diameter×width)	mm	φ400X160	φ400X160
	3.4	Tyres quantity (Drive/Load wheel/universal wheels)	pcs	1X/2	1X/2
Vehicle size	4.1	Lifting height	mm	8500	8500
	4.2	Fork rotation degree	°	180	180
	4.3	Free Lifting height	h1(mm)	3167	3167
	4.4	Mast closed height	h2(mm)	4352	4352
	4.5	Mast extended height (Without camera)	h3(mm)	9685	9685
	4.6	Overhead guard height	h5(mm)	2485	2485
	4.7	Min ground clearance	h8(mm)	75(without guide wheel)	75(without guide wheel)
	4.8	Overall length (fork in side position)	L1(mm)	3545	3545
	4.9	Overall width (with guide wheels)	b1(mm)	1550	1550
	4.10	Fork specification	L/e/s(mm)	1200/122/50	1200/122/50
	4.11	Rear chassis width	b2(mm)	1230	1230
	4.12	Fork width	b5(mm)	425-750	425-750
	4.13	Min turning radius(go straight)	Wa(mm)	2250	2250
	4.14	Min main aisle size	(mm)	4500	4500
	4.15	Min aisle width(length×width)	(mm)	1650	1650
Parameters	5.1	Driving speed loaded/unloaded	km/h	8/9	8/9
	5.2	Lifting speed loaded/unloaded	mm/s	350/350	350/350
	5.3	Lowering speed Loaded/unloaded	mm/s	400/400	400/400
	5.4	Gradeability, Loaded/unloaded	%(tanθ)	8	8
	5.5	Brake		Electromagnetic braking / Regenerative braking	Electromagnetic braking / Regenerative braking
	5.6	Park		Electromagnetic braking	Electromagnetic braking
Battery	6.1	Driving motor		AC	AC
	6.2	Driving motor (S2-60min)	kw	7	8
	6.3	Lifting motor		AC	AC
	6.4	Lifting motor , (S3-15%)	kw	15	22
	6.5	Steering motor		AC	AC
	6.6	Steering motor voltage	kw	0.7	1.5
	6.7	Battery voltage and capacity	V/Ah	48/640	80/600

1.The parameters listed in the above table are for reference only, and details are subject to actual conditions,; If you need non-standard customization, please contact us;
2. Our company reserves the right to modify the parameters listed in the above table.



VDSE SERIES

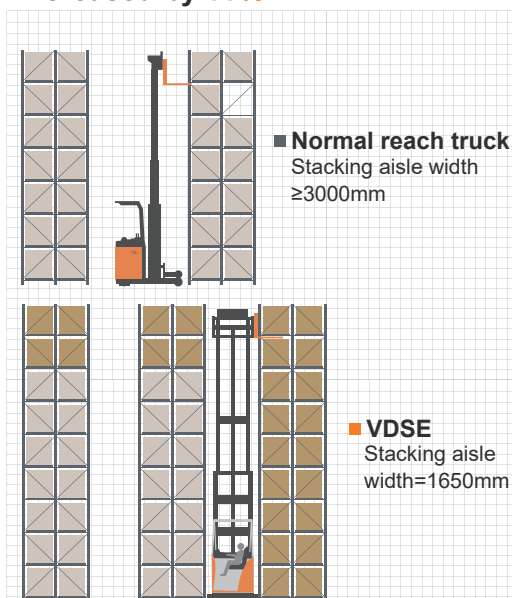
Man Down Seated VNA Truck

Very Narrow Aisle

Increase Stacking Capacity

ZOWELL VDSE man down seated turret truck is suitable for narrow aisle stacking, Maximum load capacity 1600KG. It can work in 1.65m stacking aisle, and lift to 12 meters, which can make great improvement on stacking volume, give you the best solution.

Compared to normal reach truck, the warehouse storage ratio has increased by **65%**.



Comfortable Driving

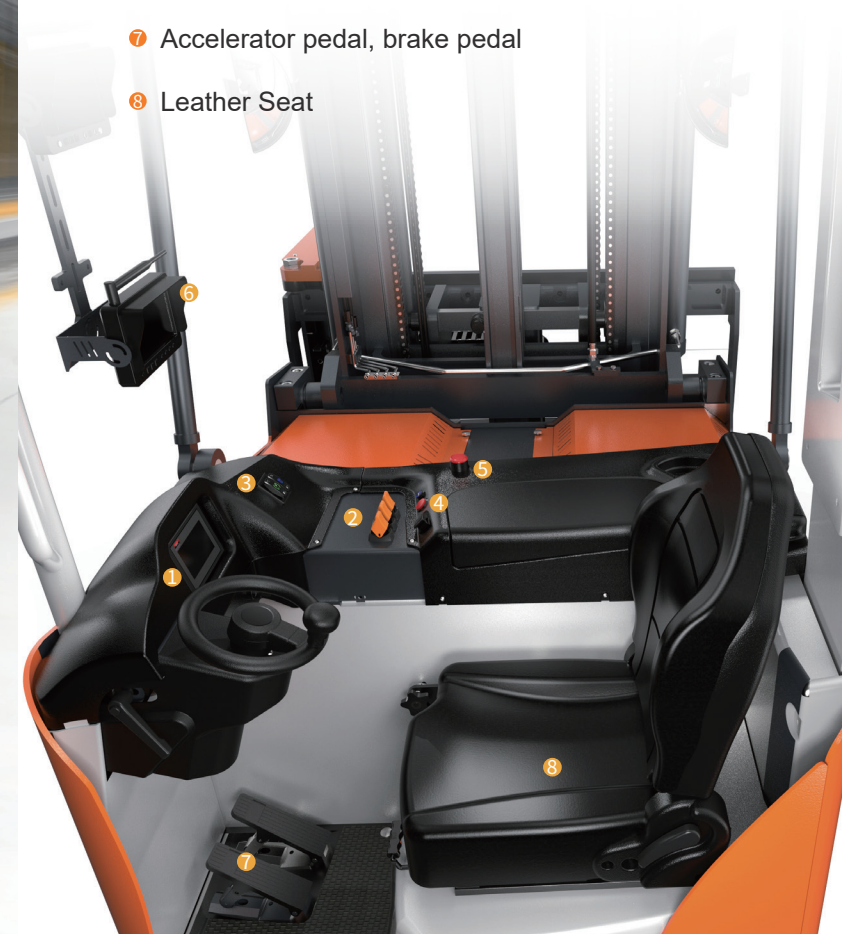
More Efficient Work

On the basis of the previous generation of man down stand on VNA forklift, more comfortable seats have been configured, providing operators with a better driving experience.

The entire forklift features multiple active safety protections, a comfortable operating environment, and a wide range of optional configurations, greatly meeting the modern narrow aisle storage needs.

Operating cab (standard)

- 1 Electric display
Electric power steering, more energy-saving; adjustable steering force, more intuitive driving experience.
- 2 Hydraulic finger switch
- 3 Parking switch/lighting switch
- 4 Forward and backward switches/Horn/USB interface
- 5 Emergency stop switch
- 6 Fork monitoring display screen
The image transmitted by the camera will be presented here, and the operator can achieve precise control without relying on imagination.
- 7 Accelerator pedal, brake pedal
- 8 Leather Seat



Higher lifting height

12.0 m maximum lift height

Excellent load capacity

1600 kg maximum load capacity

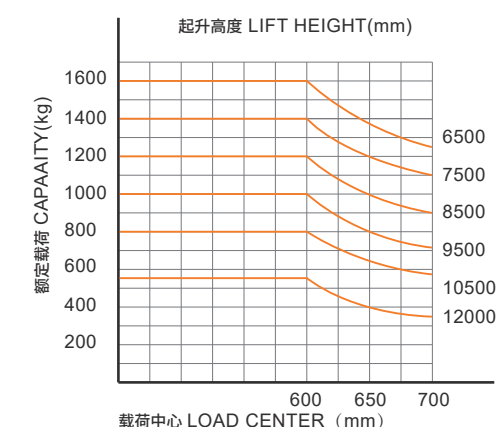
Very narrow aisle

1.65 m minimum working aisle

Increase storage volume

65% expansion of storage ratio

荷载曲线图 VDSE 216-120S



A brand new solution for efficiency stacking and logistic

Simplify the Handling