

OFFICIAL TECHNICAL DATASHEET

V18D

V18D Articulated Boom Lift

Self-propelled articulated boom lift · Yanmar diesel · 20.1 m working height · 4×2 drive · continuous 360° turret rotation

WIMER · V18D · 2026



WORKING HEIGHT

20.1 m

PLATFORM HEIGHT

18.1 m

HORIZONTAL OUTREACH

11.3 m

BASKET CAPACITY

230/350 kg

BRAND

WIMER

MODEL

V18D

CATEGORY

**Municipal & special
equipment**

MODEL YEAR

2026

Self-propelled articulated boom lift powered by a Yanmar diesel engine, built for industrial maintenance, erection work and civil construction at height where obstacles must be cleared and work carried out over structures. Continuous 360° turret rotation, articulated vertical jib and automatic basket levelling within $\pm 1.5^\circ$. Proportional electro-hydraulic control with PLC and CAN bus, dual control consoles and a patented load-weighing device; suitable for humid, corrosive and dusty environments. Designed to EN 280-1:2022.

01 ENGINE & POWER

Engine manufacturer	Yanmar	Hydraulic tank	90 L
Power / speed	36.5 kW @ 3 000 rpm	Control voltage	12 V DC
Fuel	Diesel	Emergency power	Electric 12 V
Fuel tank	240 L	Intake filtration	Two-stage, closed system

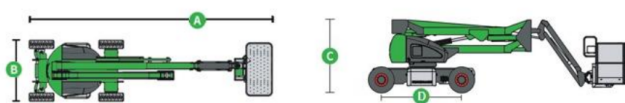
02 LIFTING SYSTEM & PLATFORM

Max. working height	20.1 m	Restricted capacity	350 kg
Max. platform height	18.1 m	Platform occupancy	2 / 3 persons
Up-and-over height	8.1 m	Platform / jib rotation	160° / 140°
Max. horizontal outreach	11.3 m	Turret rotation	360° continuous
Platform (L × W)	1.80 × 0.76 m	Basket levelling	Automatic (±1.5°)
Unrestricted capacity	230 kg		

03 DRIVE, STEERING & CHASSIS

Speed — stowed	5.2 km/h	Drive / steer mode	4×2
Speed — elevated	0.8 km/h	Tyres	355/55D625
Gradeability	45 %	Wheelbase	2.5 m
Inside turning radius	2.3 m	Ground clearance (centre)	0.3 m
Outside turning radius	5.0 m	Machine weight	9 600 kg

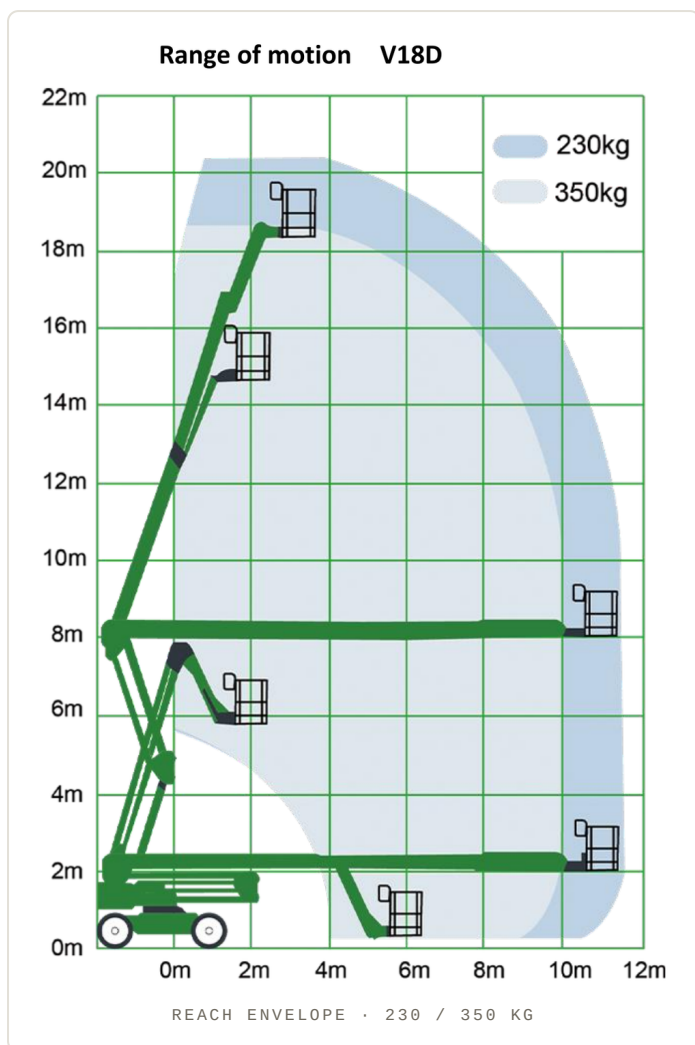
04 TRANSPORT DIMENSIONS



TOP AND SIDE VIEW · STOWED CONFIGURATION

A · Length (stowed)	8.40 m
B · Width (stowed)	2.35 m
C · Height (stowed)	2.40 m
D · Wheelbase	2.50 m
Ground clearance (centre)	0.30 m
Platform (L × W)	1.80 × 0.76 m
Machine weight	9 600 kg

05 WORKING RANGE



Max. working height	20.1 m
Max. platform height	18.1 m
Max. horizontal outreach	11.3 m
Up-and-over height	8.1 m
Unrestricted envelope	230 kg load
Restricted envelope	350 kg load
Turret rotation	360° continuous

06 STANDARD EQUIPMENT / OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

- ✓ Automatic basket levelling ($\pm 1.5^\circ$)
- ✓ PLC + CAN bus control with fault diagnostics
- ✓ Dual control consoles (turret and platform)
- ✓ Proportional electro-hydraulic controls
- ✓ Patented load-weighing device
- ✓ Manual emergency lowering
- ✓ Counterbalance valves / hydraulic locks
- ✓ Operator-presence foot switch
- ✓ Audible and visual descent alarm
- ✓ Engine double-start protection

OPTIONAL EQUIPMENT · On request

- Non-marking solid tyres
- Foam-filled tyres
- LFP (lithium iron phosphate) battery

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Technical notice. The specifications listed correspond to the model's standard configuration. WIMER reserves the right to modify components or configurations for continuous improvement or homologation. Declared weights, dimensions and performance figures are nominal; images are illustrative and final trim may vary by unit and optional equipment. Warranty: 12 months or 2,000 operating hours, whichever comes first.