

ENGINE & ANCILLARIES

Yanmar TNV98

Configuration

4 cylinder

Aspiration

Naturally aspirated

Emission Level

Tier II

Governed Power

45 kW

Governed Speed

2 200 rpm

Displacement

3 319 cc

Fuel Filter Type

In-line water separator with separate spin on fuel filter.

Fuel Filter

5 µm

Coolant Capacity (Engine only)

4 litres

Radiator

Easy access and easy to clean. Agricultural spec fine dust tolerant - wide fin spacing.

Fuel Tank

Secure, lockable ground level filling. Integrated into lower section of the frame to keep a low centre of gravity.

Fuel Tank Capacity

100 litres

Air Cleaner Type

Radial Seal 2-stage primary and secondary filters, both fed by a self cleaning pre-cleaner. The system has a dash mounted restriction indicator.

HYDRAULIC SYSTEM

Hydrostatic Drive System

Servo controlled Variable displacement closed loop system.

Wheel Drive System

Robust, proven Bell planetary hub driven by high displacement radial piston motor with fail to safe spring applied hydraulically released multidisc wet brake.

Wheel Drive Make & Model

Bell #24P

Service Brake

Hydrostatic braking through the closed loop system.

Hydraulic Implement Pump 1

Maximum Flow at Engine

Rated Speed

60,9 l/min

Hydraulic Implement Pump 1

Maximum Intermittent Pressure

241 bar

Hydraulic Implement Pump 1

Use

Mast lift & lower

Hydraulic Implement Pump 2

Maximum Flow at Engine

Rated Speed

39,4 l/min

Hydraulic Implement Pump 2

Maximum Intermittent Pressure

280 bar

Hydraulic Implement Pump 2

Maximum Continuous Pressure

250 bar

Hydraulic Implement Pump 2

Use

Attachment - Mast tilt

Tank

Integrated within the tubular frame

Tank Capacity

140 litres

Tank Breather

Remote to filler cap, 3 micron rating, 0.75 bar pressure.

Hydraulic Cooler Air Fin Spacing

Easy to clean wide fin spacing.

ELECTRICAL

System

12 volt system with a single maintenance free battery mounted in the rear of the machine above the tail wheel.

Alternator Output

12 v 80 Amp

Starter Motor Rating

12 v 3,0 kW

Fuse Box

Blade fuses located inside the cabin in the instrumentation box.

Battery

Maintenance free gel filled battery 100 Amp Hour rating.

Battery Isolator

Single pole type with lock out mounted onto the right hand side of the frame.

Work Lights

8 lights in total. 4 Facing forwards, 2 facing rearwards, 1 facing side ways on each side of the frame.

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

ESTIMATED OPERATING WEIGHTS WITH STANDARD OPTIONS

Unladen

Front:	4 567 kg
Rear:	2 211 kg
Total:	6 778 kg

Laden

Front:	9 814 kg
Rear:	464 kg
Total:	10 278 kg

Working Load Limit

3 500 kg

FORKS

Carriage

1,2 m wide

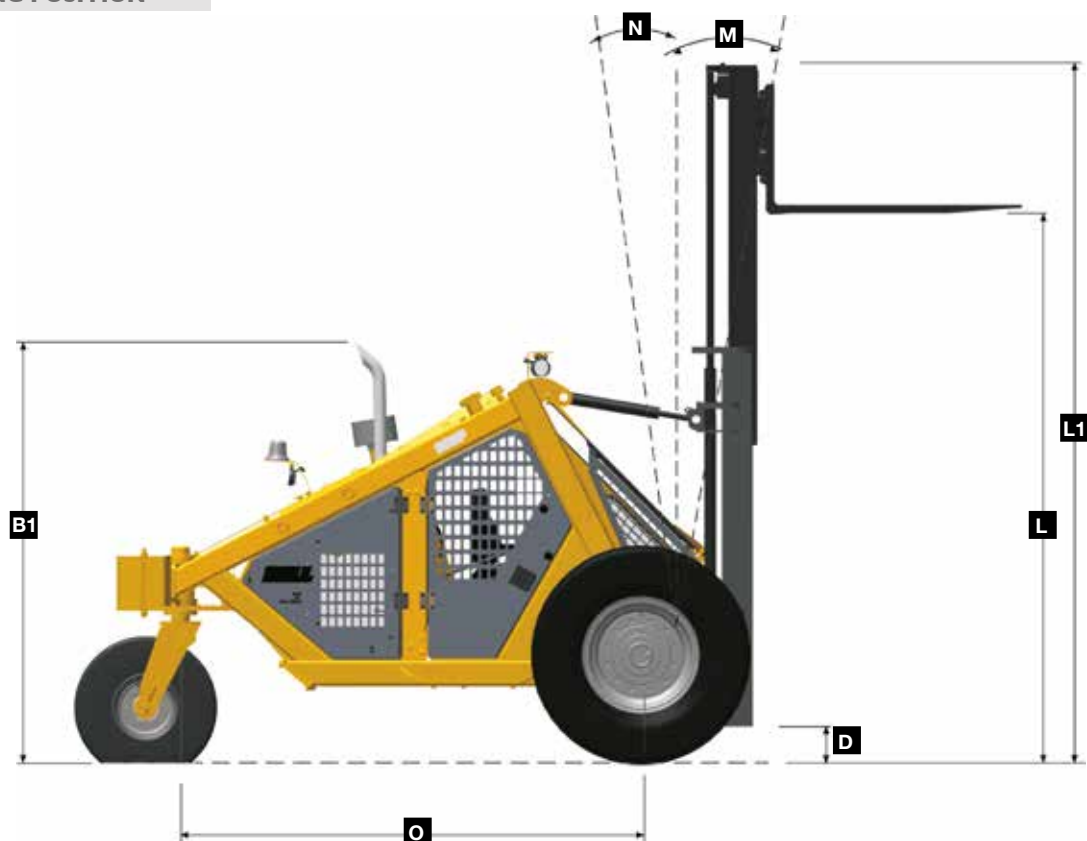
2,5 m wide (option)

Note: Tyre sizes indicated represent available tyres at printing. Please ensure your choice is available at time of ordering.

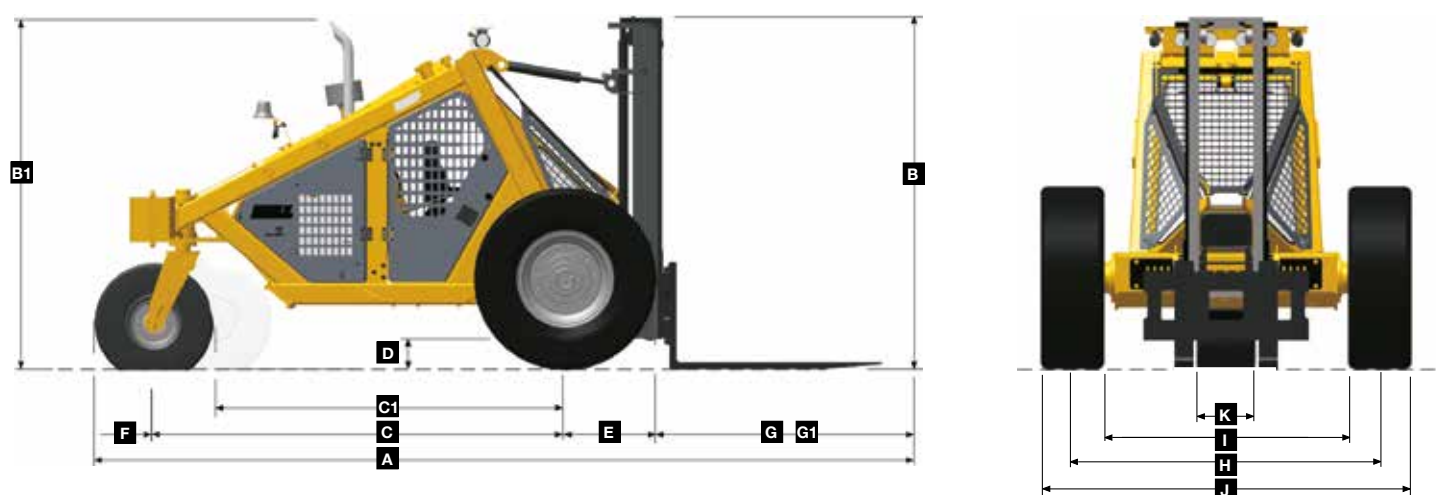
- 3.5 ton capacity
- Lowest cost per tonne solutions
- Low fuel consumption
- Low maintenance
- Designed for rough terrain operations
- Where agility and productivity are requirements

I Dimensions

OPERATING POSITION



TRANSPORT POSITION



MACHINE DIMENSIONS

A	Length-Transport Position - Standard Carriage	5 739 mm	G1	Reach - Wide Carriage	1 693 mm
A	Length-Transport Position - Wide Carriage	5 789 mm	H	Track Width - Front: 17.5 x 25	2 249 mm
B	Height - Mast - Transport Position	2 569 mm	I	Inside Tyre Width - Front: 17.5 x 25	1 787 mm
B1	Height - Exhaust - Transport Position	2 563 mm	J	Width over Tyres - Front: 17.5 x 25	2 711 mm
C	Front Axle Centre to Tailwheel Axle Centre	2 998 mm	K	Tyre Width - Tailwheel: 400 x 15.5	385 mm
C1	Front Axle Centre to Tailwheel Axle Centre	2 577 mm	L	Height - Fork Tines @ Maximum Reach	3 342 mm
D	Ground Clearance - Mast	231 mm	L1	Height - Mast @ Maximum Reach	4 238 mm
E	Front Tyre 17.5 x 25 - Free Radius (Free Diameter)	(1 348) 674 mm	M	Maximum Forward Tilt Angle	10°
F	Tailwheel: 400 x 15.5 - Free Radius (Free Diameter)	(864) 432 mm	N	Maximum Rearward Tilt Angle	7.5°
G	Reach-Standard Carriage	1 643 mm	O	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

NOTE: All dimensions are Unladen values based on the Standard Wheelsets U.O.N