

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 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

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

Strobe Light

Mounted on the rear of frame

Interior lights

LED mounted inside the cab and inside the engine bay.

STANDARD FITTED OPTIONS

Cab doors

1 m³ G.P. bucket

Class 3 forks

Rear view mirrors

5 Counterweights

Q-fit system

ESTIMATED OPERATING WEIGHTS WITH FORK OPTION

Laden

Front: 8 339 kg

Rear: 133 kg

Total: 8 472 kg

Unladen

Front: 4 330 kg

Rear: 2 066 kg

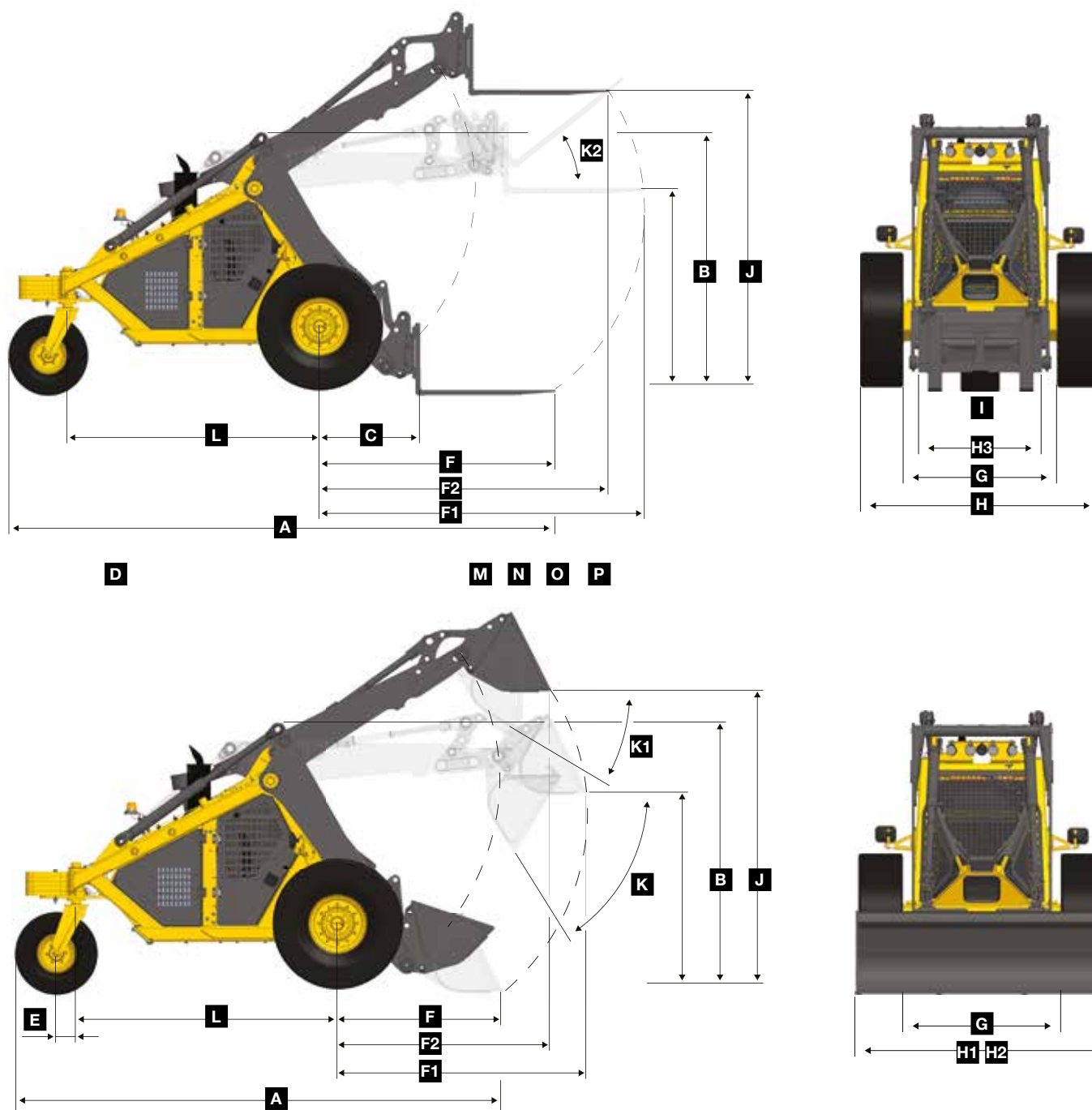
Total: 6396 kg

Work Load Limit

1 930 kg

- Numerous job applications
- Excellent manoevrability
 - Low fuel burn
- Low operating and maintenance costs
 - Low capital outlay
 - Simple, strong & reliable
 - Pure parallel lift path
- ROPS/FOPS certified cabin
 - Quiet running
- Quick attach is compatible with popular attachment systems

I Dimensions



MACHINE DIMENSIONS

A	Length-Transport Position	5 175 mm	G	Inside Tyre Width - Front: 17.5 x 25	1 600 mm
A1	Length-Transport Position - forks	6 039 mm	H	Width over Tyres - Front: 17.5 x 25	2 570 mm
B	Height - Transport Position	2 780 mm	H1	Standard 1m ³ Shovel width	2 570 mm
C	Carriage from Axle centre	1 110 mm	H2	Optional 1m ³ Shovel width	2 150 mm
D	Front Tyre 17.5 x 25 - Free Radius (Free Diameter-1 348)	674 mm	H3	Fork carriage width	1 278 mm
E	Tailwheel: 400 x 15.5 - Free Radius (Free Diameter-864)	432 mm	I	Tyre Width - Tailwheel: 400 x 15.5	385 mm
F	Max reach @ ground level	1 744 mm	J	Load over height - Shovel	3 120 mm
	Max reach @ ground level - Forks	2 610 mm	J1	Load over height - Forks	3 250 mm
F1	Max reach	2 651 mm	K	Dump angle - Max reach	58°
	Max reach - Forks	3 597 mm	K1	Dump angle - Max height	31°
F2	Max reach @ Max lift	2 263 mm	K2	Tilt back angle - Forks	38°
	Max reach @ Max lift - Forks	3 196 mm	L	Front Axle Centre to Tailwheel Pivot Centre	2 788 mm

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