



# OUTLAW

DIESEL

**SIMPLY**  
**INDESTRUCTIBLE**  
A MORE SILENT ENGINE

AUSTRALIAN MADE





# AUSTRALIA'S MOST POWERFUL MINI LOADER

**At McLoughlin Mini Loaders we listened to what is important to you.**

In order for your business to prosper you need a rugged and reliable machine that is easy to operate and cheap to maintain. McLoughlin Outlaw Mini Loaders offer a ROI that is unrivaled in the industry.

**The McLoughlin Outlaw-D is the ultimate contractors machine.**

The McLoughlin Outlaw-D allows the operator to clearly see the attachment while operating

The Outlaw-D is one of the fastest and most powerful mini loaders available.

Through 3D modelling the Outlaw achieves unrivaled efficiency to convert every last drop of the Yanmar's 27HP into hydraulic power.





**AUSTRALIAN MADE**

# TNV SERIES



## ENGINE FEATURES

- Lower exhaust emission
- Low noise and vibration
- Compact, easy-to-start and operation
- Fuel efficient
- Durable and reliable due to designed fuel injection valve and fuel injection pump.

## EMISSION REDUCTION

Cleaner engines with even lower exhaust emissions are achieved by improving on the already excellent TNE base. Stricter emissions standards are cleared by a wide margin. By investigating flow characteristics using experimental and numerical analysis methods, Yanmar research has achieved improved flow mixing in both the main chamber and the special mouth surrounding the injector. More efficient use of the incoming air charge results in cleaner burn and lower exhaust.

## RELIABLE AND DURABLE

The TNV engines now proudly take up the running as Yanmar's premium small industrial diesel. They offer even more enhanced durability due to better block cooling, a stiffer crank and pistons, finer tolerance in the journal, and more. CAE analysis has brought lower vibrations and higher strength to the mounting structure for even better reliability in heavy-duty jobs.

## FUEL DELIVERY & ECONOMY

### Fuel Injection Equipment Mechanical Pump

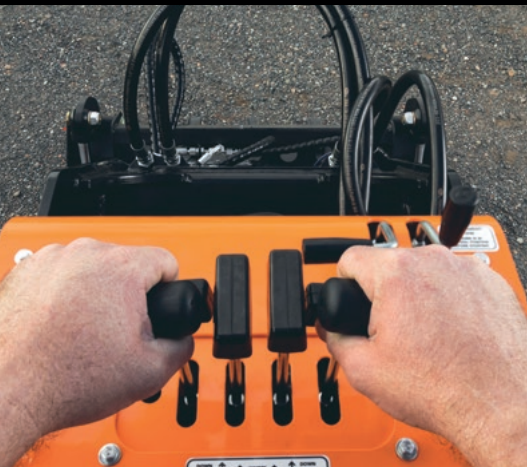
Instead of a PFR pump, a newly developed in-line pump has been used for the smaller TNV engines. Adjustments are made solely in the Yanmar's own FIE factory ensuring precise compliance with regulations.

### The following features are incorporated:

- Increased force is applied by the governor to quicken the fuel controlling rack response time, and matching to a wide range of machinery is simplified.
- Emission is reduced by controlling fuel injection timing.
- Cam profiles are matched to nozzle throttle needs, which give a better controlled injection rate.

## LOWER NOISE

A more silent engine.



Ergonomic soft touch controls.  
Excellent line of site to view  
the working attachments.



Large operators platform  
with curved fuel tanks to  
eliminate "hip bashing".



Clever weight distribution allowing  
for greater safe working loads and  
increased stability on rugged terrain.



## SPECIFICATIONS

Engine:	27hp Yanmar Diesel Engine
Bucket Capacity:	0.15m <sup>3</sup>
Ground Speed:	Up to 9.5km/hr
Operating Weight:	1020kg
Hydraulic Oil:	3200psi at 50lpm
Maximum Working Height:	2180mm
Maximum Pin Height:	1710mm
Maximum Dump Height:	1750mm – 1950mm
Angle of Departure:	20°
Ground Clearance:	135mm – 175mm
Wheelbase:	710mm – 800mm
Machine Height:	1370mm
Length with Bucket:	2240mm
Length no Bucket:	1565mm
Bucket Width:	2240mm
Turning Radius with Bucket:	1300mm
Total Width:	1028.7mm
WLL:	400kg
Bucket Unloading Angle:	33°
Opening/Closing Angle:	35°



## STANDARD & SAFETY FEATURES

- Unique 2 Speed with Overdrive
- Powerful 27hp Yanmar Diesel Engine
- 2 Pump Hydraulic System
- Huge 3200psi Auxiliary Pressure
- 2 x 25L Rupture Proof Fuel Tanks
- Safety Hydraulic Relief Valve
- Soft Touch Ergonomic Controls
- Proportional Trencher Valve
- Excellent Line of Site to Attachment
- Dual Hydraulic Outputs
- 12.7mm Plate Construction
- Powder Coated Chassis
- Maintenance Free Bushes
- Australian Made 3 Row CT Core Radiator



Engineered by  
McLoughlin Mini Loaders,  
Queensland Australia.

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McLoughlin Mini Loaders are  
built tough for the Australian  
demanding conditions.  
We are often copied,  
but never equalled.

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Warranty, service and  
maintenance carried out  
through our extensive  
dealer network.

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We freight Australia-wide.



**For a test drive or a full demo**  
contact your local representative below:



07 3217 0700

Unit 7, 43 Station Avenue,  
Darra, Brisbane 4076

[info@mcloughlinloaders.com](mailto:info@mcloughlinloaders.com)

[www.mcloughlinloaders.com](http://www.mcloughlinloaders.com)