MELVELLE EQUIPMENT

AUSTRALIAN MADE · EST. 1982



FP-300 · Yanmar Vi080

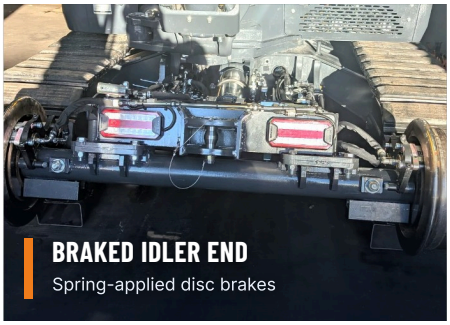
8T HI-RAIL EXCAVATOR

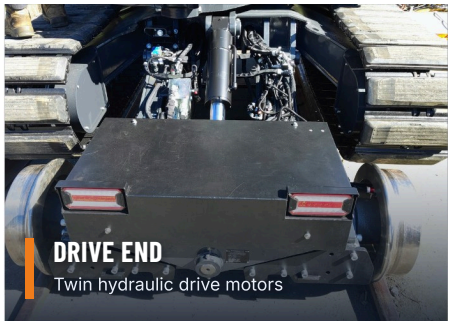
Rail ready, with full dig capability. Designed and built in Newcastle NSW.

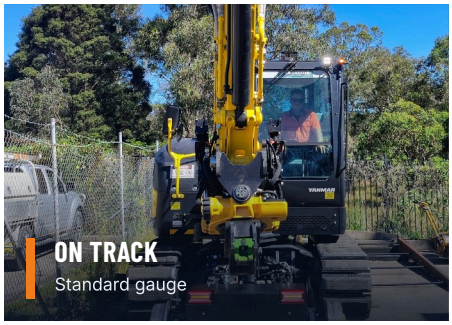
15 km/h	8,000 kg	Any gauge	AS 7502
MAX RAIL SPEED	TOWING CAPACITY	SINGLE OR DUAL GAUGE	BUILT TO AS 7502:2025

FP-300 VIO80 HI-RAIL EXCAVATOR · AT A GLANCE









SPECIFICATIONS

MACHINE

Base machine	Yanmar ViO80-1
Engine	Yanmar 4TNV98C, 39.3 kW
Set-up	Zero tail swing, or counterweight for more lift
Size (L × W × H)	6,500 × 2,270 × 3,200 mm
Tare / GVM*	10.39 t / 11.525 t
Axle capacity	7,000 kg

RAIL SYSTEM

Gauges	Single or dual gauge
Max rail speed	15 km/h
Towing capacity	8,000 kg
Rail drive	2 × hydraulic motors
Rail wheels	Ø465 / Ø420 mm, insulated
Compliance	AS 7502:2025

* With rear counterweight. Standard gauge machine shown. Specifications may change without notice.

WHY THE FP-300 BUILT FOR AUSTRALIAN NETWORKS

RAIL GEAR

- Twin hydraulic drive motors
- Spring-applied idler brakes
- Pivoting axle
- Anti-derailment mechanism
- Insulated steel rail wheels
- Purpose-built hi-rail swing frame

SAFETY AND COMPLIANCE

- In-cab hi-rail indicator and alarm
- Stable oscillation
- Built to AS 7502:2025
- Third-party design certification
- RIM submission included

AVAILABLE GAUGES

STANDARD	NARROW	BROAD	DUAL NARROW / STD	DUAL STD / BROAD

OPTIONAL EXTRAS

MACHINE & CONTROL

- PLC control system
- PLC slew, height and reach restrictor
- Independent idler park brakes
- Rear counterweight for extra lift (non-zero tail swing)
- Front operator guard
- Network approval engineering

ATTACHMENTS

- Tiltrotators
- Sleeper grab, fixed or rotating
- Tamper head
- Ballast broom
- Undercutter bar
- Buckets, ripper and hammer



DESIGNED IN NEWCASTLE

SUPPLIED & SERVICED LOCALLY

- **Built in-house** at our Newcastle works
- **Compliance pack** with every machine
- **Service and re-certification** by our field team
- **Supplied complete** or fitted to your excavator

WATCH IT ON TRACK

Need a different set-up? Talk to us, we build to suit.

GET A QUOTE OR A DEMO

PHONE +61 2 4951 5244
EMAIL sales@melvelle.com.au
WEB www.melvelle.com.au
VISIT 10 Rogilla Close, Maryland NSW 2287

MELVELLE EQUIPMENT

Melvelle Equipment Corp Pty Ltd · ABN 55 123 570 356