



Jordan Rail Pty Ltd

HI-RAIL PLANT AND EQUIPMENT CAPABILITY STATEMENT



Supplier of Specialised Rail, Civil, Piling Equipment, Attachments and Experienced
Personnel throughout Australia

Table of Contents

OVERVIEW	4
HI-RAIL PLANT HIRE	4
Hi-Rail Wheeled Excavators	5
Hi-Rail Tracked Excavators	6
Excavator Options Matrix	7
Excavator Attachments	8
Excavator Attachment Options Matrix	11
Hi-Rail Crawler Cranes	13
Multi-Crane Attachments	13
Hi-Rail Backhoe Loaders	14
Hi-Rail Dumpers	15
Hi-Rail Tipper Truck	15
Hi-Rail Live Bottom Truck & Moxy	16
Tipper / Dumper Options Matrix	17
Hi-Rail Light Vehicles	18
Hi-Rail Crane Trucks	19
Hi-Rail Gang Truck	19
Hi-Rail EWP Trucks	20
Hi-Rail Mobile EWP	20
Hi-Rail Agitators / Concrete Mixers	21
Hi-Rail RTV	21
Self-Propelled Tamper	22
Rail Tug Vehicle	22
Rail Self-Propelled Trailers	23
Rail Trailers	23
Hi-Rail Water Cart	24
Hi-Rail Weed Sprayer	24
SUPPORTING PLANT AND EQUIPMENT	25
Wheeled Loaders	25
Loader Options Matrix	25
Loader Attachments	25
Rail Tools and Equipment	26
HI-RAIL PILING PLANT HIRE	27
Hi-Rail Piling Rig Options Matrix	27
Piling Attachments	28
Hi-Rail Piling Configurations	29
LABOUR HIRE	30
FURTHER INFORMATION	30

Table 1: Excavator Options Matrix	7
Table 2: Excavator Attachment Options Matrix (Part 1)	11
Table 3: Excavator Attachment Options Matrix (Part 2)	11
Table 4: Excavator Attachment Options Matrix (Part 3)	12
Table 5: Excavator Attachment Options Matrix (Part 4)	12
Table 6: Tipper / Dumper Options Matrix	17
Table 7: Loader Options Matrix.....	25
Table 8: Hi-Rail Piling Rig Options Matrix	28
Figure 1: List of Excavator Attachments.....	10
Figure 2: List of Multi-Crane Attachments	13
Figure 3: List of Backhoe Attachments.....	14
Figure 4: List of Wheeled Loader Attachments	25
Figure 5: List of Rail Tools and Equipment	26
Figure 6: List of Piling Attachments.....	28

JORDAN RAIL HI-RAIL CAPABILITIES

OVERVIEW

Jordan Rail's capability is built on our extensive experience delivering and maintaining small- and large-scale projects. With decades of collective experience in the logistical challenges of railway work, our people offer superior knowledge and service. We understand every aspect of the rail environment and the complexities of terrain and seasonal challenges.

Our highly skilled team, which has continually contributed to successful projects, evidences our experience across the full suite of railway and infrastructure services. Jordan Rail has the flexibility to meet a wide variety of client needs, from single-visit plant-only spot hires to multi-year supplier, maintainer, and operator frameworks.

We can provide Supervision and Labour hire options tailored to your Project needs. Our services are available 24 hours a day, 7 days a week, every day of the year. We have completed work on the most awkward, confined, and difficult sites without incident. We can complete work in the most challenging conditions and scenarios, such as:

- New Track Construction
- Maintenance of Existing Track
- Emergency Track Repairs
- Timber, Concrete and Steel Sleeper Installation
- Re-Railing
- Side Insertion
- Turnout Construction Specialists
- Level Crossing Renewals
- Drainage
- Mud-hole Removals
- Undercutting
- Rail Bridge Deck Replacements
- Foundation for Overhead Line Equipment
- Steelwork Erection
- Rail Structures Installation
- Light & Electrical Poles Installation
- Hi-Rail Crane Service
- Piling Works from Track
- Casing/sleeve installation or extraction
- Sheet Piling
- Specialised Rail Attachments
- Plant Hire
- Operator, Dogman, Rigger, Spotter and Labour Hire
- Track Inspections
- Track Certifying
- Heavy Haulage - Transport of Plant & Equipment

HI-RAIL PLANT HIRE

Jordan Rail also offers many hi-rail plant hire options tailored to your project. We can offer dry hire and wet hire options for all our plant and equipment, with prompt 24-hour servicing. Our operators are highly professional and come with RIIS/VOC accreditation before arrival on site. Our fleet includes:

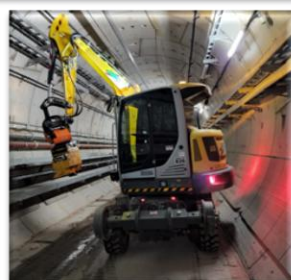
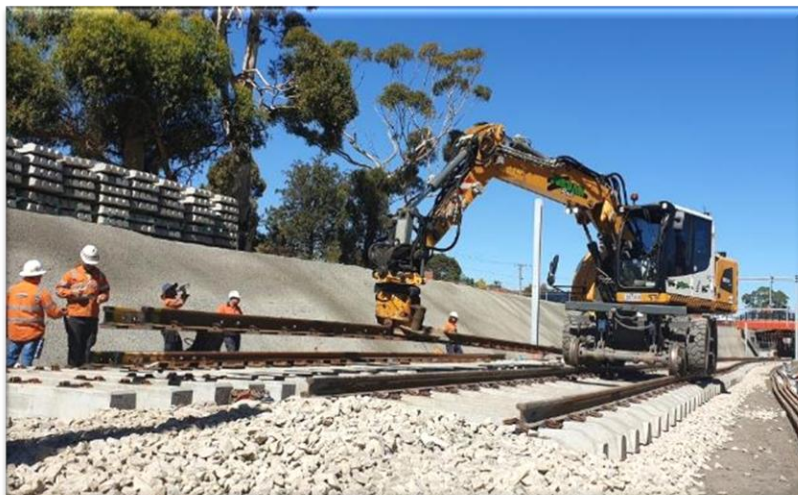
- 8t-22t Hi-Rail Tracked Excavators
- 6t – 32t Hi-Rail Wheeled Excavators
- H-Rail Piling Rigs (depths up to 16m and Diameters up to 1.5m)
- Hi-Rail Dumpers
- Hi-Rail Backhoes
- Hi-Rail Concrete Mixer / Agi Mixers (up to 5m³)
- Self-Propelled Tamper
- Rail Tug Vehicle
- Self-Propelled Trailer
- Rail Trailers
- Hi-Rail Crawler Cranes
- Hi-Rail EWP
- Hi-Rail Light Vehicles
- Hi-Rail RTV
- Hi-Rail Live Floor (Trout River) Trucks
- Hi-Rail Live Floor Moxy
- Hi-Rail Tipper Trucks
- Hi-Rail Gang Truck
- Hi-Rail Flatbed Trucks
- Hi-Rail Crane Trucks
- Hi-Rail Water Carts
- Hi-Rail Weed Sprayers

Hi-Rail Wheeled Excavators

Hi-rail excavators are available in sizes from 7T to 32T and wheeled models with either tri- or dual-gauge hi-rail systems to suit all rail situations. All hi-rail excavators are fitted with rotary tilt hitches for safety, performance, and productivity. Our excavators have the latest safety and operating systems, with Insulated rail wheels conforming to the ANZR1 profile.

Hi-Rail excavators can come with the following, but are not limited to:

- Heavy-duty rubber tyres
- Height limiter
- Slew limiter
- Tiltrotator hitches
- Reduced counterweights
- Load management systems
- Vigilance and data logging systems
- Clear train stops
- Heavy lifting capabilities
- 2-piece booms
- Exclusion zone delineation lighting
- Tier 1 Rail Specs



There are 3 types of rail systems available:

- Rail Guidance
- Friction
- Self-propelled

The make and models include:

- Colmar 10000
- Liebherr A922
- Hitachi ZX140W-5
- Hitachi ZX170W-3
- Hitachi ZX140W-3
- Volvo EW170E
- Volvo EW140D
- Hyundai R140W-9
- Hydrema MX20 Rail

For all excavator options, see Table 4: Excavator Options Matrix.

The standard attachment pack includes

- Rail threader
- Forks
- Mud bucket

Additional attachments are available on request, please see the attachment page for a comprehensive list.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia3

Hi-Rail Tracked Excavators

Hi-rail tracked excavators are available in a range of sizes from 8T to 22T with either tri or dual-gauge hi-rail systems to suit all rail situations. All hi-rail tracked excavators have zero slew counterweights and are fitted with rotary tilt hitches for safety, performance and productivity. Our excavators have the latest in safety and operating systems with Insulated rail wheels conforming to the ANZR1 profile.

Hi-Rail excavators can come with the following, but are not limited to:

- Heavy-duty rubber track pads
- Height limiters
- Slew limiters
- Tiltrotator hitches
- Load management systems
- Vigilance and data logging systems
- Clear train stops
- Heavy lifting capabilities
- 2-piece booms
- Offset booms
- Exclusion zone delineation lighting
- Object and person detection systems
- Tier 1 Rail Specs



The hi-rail tracked excavators are only available with 4 4-wheel drive self-propelled rail system.

The make and models include:

- Liebherr R914
- Liebherr R914 Rail
- Hitachi ZX135us-5
- Mecalac 8MCR -RR
- Komatsu PC138us-8
- Hitachi ZX135us-3

For all excavator options, see Table 4: Excavator Options Matrix.

The standard attachment pack includes

- Rail threader
- Forks
- Mud bucket

Additional attachments are available on request, please see the attachment page for a list.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia³

Excavator Options Matrix

Description	Standard Attachments	Optional										Comments
		Rail Systems	Rail Gauge	Tiltrotator Hitch	2 Piece Boom	Slew Limiter	Height Limiter	Zero Slew	Clear Train Stops	Lifting System Scales	GPS Systems	
32T Hi-Rail Wheeled Excavators (Colmar)	Forks & Bucket	Guidance & Friction	Broad & Standard	✓		✓	✓	Extendable Counterweight	✓	✓	Optional	Setup for • Drill Rig attachment • Piling Hammer attachment • Side Grip Sheet – Pile Driver • Manipulators
22T Hi-Rail Wheeled Excavators	Forks, Rail Threader & Bucket	Guidance, Friction & Self-Propelled	Broad & Standard	✓	✓	✓	✓	Reduced - Optional	Optional	✓	Optional	Makes: • Liebherr A922 Rail • Hydrema MX20G Rail • Volvo EW220D Rail
17T Hi-Rail Wheeled Excavators	Forks, Rail Threader & Bucket	Guidance	Broad & Standard	✓	✓	✓	✓	Reduced - Optional		Optional	Optional	Makes: • Hitachi ZX170W-3 • Volvo EW170E
14T Hi-Rail Wheeled Excavators	Forks, Rail Threader & Bucket	Guidance & Friction	Broad, Standard & Narrow	✓	✓	✓	✓		Optional	Optional	Optional	Makes: • Hitachi ZX140W-3 • Hitachi ZX140W-5 • Hyundai R140W-9
7T Hi-Rail Wheeled Excavators	Forks, Rail Threader & Bucket	Guidance & Friction	Broad, Standard & Narrow	✓		✓	✓	Reduced	✓	Optional	Optional	Makes: • Wacker Neuson EW65
14t Hi-Rail Tracked Excavators	Forks, Rail Threader & Bucket	Self-Propelled	Broad, Standard & Narrow	✓	Optional	✓	✓	✓	✓	Optional	Optional	Makes: • Liebherr R914 Rail • Hitachi ZX135us-3 • Hitachi ZX135us-5 • Komatsu PC138us-8
9t Hi-Rail Tracked Excavators	Forks, Rail Threader & Bucket	Self-Propelled	Broad, Standard & Narrow	✓	✓	✓	✓	✓	✓	Optional	Optional	Makes: • Mecalac 8MCR Rail

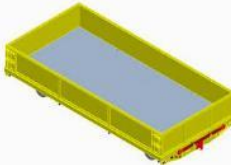
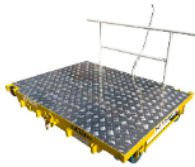
Table 1: Excavator Options Matrix

Excavator Attachments

Jordan Rail has an extensive range of rail, earth-moving, piling, and crane attachments. All attachments are professional, extremely durable, well serviced, and maintained. Rail-specific attachments are designed and manufactured by leading manufacturers in the rail industry.

All attachments fit rail and civil plant for maximum flexibility and plant utilisation on your work site.

List of Excavator Attachments

				
Rail Threader	Platypus – Sleeper Grab	Platypus – Single Finn Sleeper Grab	Forks - Adjustable	Bullant Sleeper Grab
				
Bearer Grab	Extendable Rail Grab	Octopus – 8 Sleeper Layer	Octopus – 6 Sleeper Layer	Octopus – 4 Sleeper Layer
				
Sleeper Pack Grab – 8, 12 & 16 Sleeper Grab	4m Rail Trailers	6m Rail Trailers	Rail Trailer with Ballast Box	Rail Trailers with Ramps
				
Jewellery Trolleys	Rail Hand Push Trolleys	Tamping Head - Single	Tamping Head - Double	Rail Scrubber
				
Ballast Brooms	Ballast Sweepers	Ballast Brooms with Conveyor	Undercutters	Scarifier
				
Ballast Plough	Clipping & De-Clipping Machines	Ballast Sled	Sleeper Grab - Steel	Rail Panel Lifting Beam



Rail Rollers



Rail Drag Block



Rail Scissors



Rail Tongs



Pipe Lifter



Mud Buckets



Digging Buckets



Trenching Buckets



4in1 Mud Buckets



4in1 Digging Buckets



V-Drain Buckets



Screening Buckets



Skeleton/Sieve Bucket



Cribbing Buckets



Grader Blades



Sorting Grab


Large Clamshell
Bucket


Clamshell Bucket


Finger Grabs /
Grapples


Forks with Grab



Hammer / Rock Breaker


Hammer / Rock
Breaker


Drum Cutter



Rippers



Rail Shears



Pole Manipulator


Manipulator (up to
4T)


Manipulator (up to 5T)



Manipulator - Fixed



Lifting Jibs



Vibe Plate / Compactor


Vibe Plate with Post
Driver


Compaction Wheel


DPU Compactor
Plate (600KG)

Tamper / Jumping Jack
Compactor



Figure 1: List of Excavator Attachments

Excavator Attachment Options Matrix

Description	Forks	Rail Threader	Platypus	Bearer Grab	Extendable Rail Grab	Octopus	Sleeper Pack Grab	6m Rail Trailer	4m Rail Trailer	3m Rail Trailer	Single Tamper	Double Tamper	Rail Scrubber	Ballast Broom	Ballast Sweeper
32T Hi-Rail Wheeled Excavators	✓	✓				8 Leg	18 Sleeper	✓	✓						✓
22T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	6 Leg & 4 Leg	12 Sleeper	✓	✓		✓	✓	✓	✓	✓
17T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	6 Leg & 4 Leg	8 Sleeper	✓	✓		✓	✓	✓	✓	✓
14T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	4 Leg	8 Sleeper	✓	✓		✓	✓	✓	✓	✓
7T Hi-Rail Wheeled Excavators	✓	✓	✓						✓	✓					✓
14t Hi-Rail Tracked Excavators	✓	✓	✓	✓	✓	4 Leg	8 Sleeper	✓	✓		✓	✓	✓	✓	✓
9t Hi-Rail Tracked Excavators	✓	✓	✓						✓	✓					✓

Table 2: Excavator Attachment Options Matrix (Part 1)

Description	Ballast Broom With Conveyor	Ballast Undercutter	Scarifier	Ballast Plough	De-Clipping Machines	Sleeper Grab - Steel	Panel Lifting Beam	Pipe Lifter	Cribbing Buckets	Grader Blades	Sorting Grabs	Clamshell
32T Hi-Rail Wheeled Excavators							✓	✓		✓		✓
22T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
7T Hi-Rail Wheeled Excavators						✓			✓			
14t Hi-Rail Tracked Excavators	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓
9t Hi-Rail Tracked Excavators						✓			✓			

Table 3: Excavator Attachment Options Matrix (Part 2)

Description	Finger Grabs / Grapples	Hammer / Rock Breaker	Drum Cutter	Ripper	Rail Shears	Manipulator	Lifting Jibs	Vibe Plate	Post Driver	Compaction Wheel	Mulcher	Tree Shears	Log Grab	Slasher
32T Hi-Rail Wheeled Excavators	✓	✓		✓	✓	✓	✓							
22T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7T Hi-Rail Wheeled Excavators	✓	✓		✓			✓	✓	✓		✓		✓	
14t Hi-Rail Tracked Excavators	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9t Hi-Rail Tracked Excavators	✓	✓	✓	✓			✓	✓	✓		✓		✓	

Table 4: Excavator Attachment Options Matrix (Part 3)

Description	Racks	Road Sweeper	Sweeper	Suction Box	Magnet	Movax Piling Rig	Side Grip Pile Drivers	EMV	Pendulum Drills	Movax Pile Hammer	Concrete Pouring Buckets	Trencher
32T Hi-Rail Wheeled Excavators						✓	✓	✓	✓	✓		
22T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓			✓	✓		✓	✓
17T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓			✓	✓		✓	✓
14T Hi-Rail Wheeled Excavators	✓	✓	✓	✓	✓			✓	✓		✓	✓
7T Hi-Rail Wheeled Excavators	✓								✓		✓	
14t Hi-Rail Tracked Excavators	✓	✓	✓	✓	✓			✓	✓		✓	✓
9t Hi-Rail Tracked Excavators	✓								✓		✓	

Table 5: Excavator Attachment Options Matrix (Part 4)

Hi-Rail Crawler Cranes

The new Hi-Rail SENNEBOGEN Crawler multicrane 608r has a tri-gauge hi-rail system with hydrostatic drive and insulated rail wheels.

The hi-rail crane has an MRC of 8T. Its unique expanding track system enables it to extend the tracks, resulting in a high lifting capacity and no need for outriggers.

Specs

- Make: Sennebogen 608
- Track width: Retracted – 2300mm
Extended – 3300mm
- Weight: 34T
- Boom Height: 20m
- Lift Capacity: 8T
- Tri gauge – Broad, Standard & Narrow
- Self-propelled rail system
- Can clear train stops
- Can tow rail trailers
- Slew restrictors
- Load weight restrictors
- Rubber tracks



Our crawler multi-crane can utilise a

- Crane winch
- Extendable jib
- Extendable EWP basket
- Forks
- Tree shears
- Mulchers

Applications

- Deliver structures and materials to installation sites
- Install OHW structures
- Install cages in the bored hole
- Lift and position casings/sleeves
- Vegetation mulching and tree removal

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia

Multi-Crane Attachments



8T Crane Winch
and Hook



Crane Extendable Jib



Crane Forks



Extendable Work Platform



Tree Shears

Figure 2: List of Multi-Crane Attachments

Hi-Rail Backhoe Loaders

Hi-rail Backhoe loaders are available in the JCB 3CX models. These wheeled models are fitted with dual-gauge hi-rail systems. All hi-rail backhoes are fitted with quick hitches for safety, performance and productivity.

Our backhoes have the latest safety and operating systems with insulated rail wheels. Hi-Rail backhoes can come with the following, but are not limited to:

- Dual gauge – Standard and Broad
- Height limiter for both loader & excavator arm
- Load management systems
- Exclusion zone delineation lighting
- Extra hydraulic auxiliaries for attachments and power tools
- The standard loader attachment pack includes
 - 4in1 bucket
 - Fold over forks
- The standard excavator attachment pack includes
 - Set of buckets
 - Cribbing bucket

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only



List of Backhoe Attachments

				
Mud Buckets	Digging Buckets	Trenching Buckets	Cribbing Buckets	Skeleton/Sieve Bucket
				
Rippers	Hammer / Rock Breaker	Rail Drag Block	Rail Scissors	Rail Tongs
				
Vibe Plate / Compactor	Vibe Plate with Post Driver	Compaction Wheel	Certified Lifting Equipment	Drilling Equipment

Figure 3: List of Backhoe Attachments

Hi-Rail Dumpers



Jordan Rail Hi-Rail Dumpers have the latest safety and operating systems and come in various sizes from 6T to 12T models. The hi-rail dumpers can come with the following systems:

- 6 to 12T load capacity
- 3 rail gauges available – Broad, Standard, & Narrow
- Rail guidance or friction rail systems
- Closed cab, open cab or swivel cab options
- Inclinometers
- Scales
- Clear train stops
- Work under live overhead approvals
- Tow rail trailers
- Tier 1 specs

There are three body types available

- 180-degree slew front tip bodies
- 180-degree slew rear tip bodies
- 180-degree slew front or rear tip bodies with swivel cab

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia



Hi-Rail Tipper Truck

Jordan Rail has road-rail 3-way tipper trucks available for hire. The Hi-Rail tippers have the following features:

- Dual gauge - standard or broad gauge
- Hi-rail tipper capacities – 10T, 6T and 4T
- 3-way tipper bodies with pneumatic cylinders for 3-way mode changing
- Rear tip bodies
- Side tip bodies
- Chutes fitted to the rear allow material to be accurately placed along the shoulder.
- Electronic height control prevents the tipper body from exceeding a configurable limit.
- Can clear train stops
- Tarp rollover
- Tow capability – tow loaders and other plant
- Full Tier 1 Rail and Civil Spec
- Height limiter
- Load management systems
- Vibration tipping option
- Water carts and weed sprayer skids available for all hi-rail tippers

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail Live Bottom Truck & Moxy



Hi-rail live bottom / flocon trucks and moxies are very versatile and ideal for ballast or material transport or discharge on or off track. These body units are ideal for rail works, they can operate under overhead obstacles like power lines, and bridges are great for bulk discharge or placement of material such as ballast, asphalt, drainage material, etc.

The live bottom trucks and moxy can have the following attachments

- Centre chute for track centre discharge
- Left or right conveyor attachment for shoulder discharge
- Extendable conveyor belt for shoulder discharge
- Dual gauge - standard or broad gauge
- Tarp rollover
- Full Tier 1 Rail and Civil Spec
- Load management systems
- Can clear train stops



It can also carry up to 22 tonnes per load when operating on track.

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Tipper / Dumper Options Matrix

Description	Rail Systems	Rail Gauge	Optional													
			Rear Tip	Side Tip	3-Way Tip	Swing Tailgate	Grain Doors	Rear Chutes	Inclinometer	Swivel Cabin	Open Cab	Rollover Tarp	Flocon Live Floor	Scales	Tier 1 Spec	Height Limiter
Hi-Rail 6T Articulated Dumpers	Guidance & Friction	Broad, Standard & Narrow	✓	✓							✓				✓	N/A
Hi-Rail 9T Articulated Dumpers	Guidance & Friction	Broad, Standard & Narrow	✓	✓	✓				✓	✓					✓	Optional
Hi-Rail 10T Articulated Dumpers	Guidance & Friction	Broad, Standard & Narrow	✓	✓	✓				✓					Optional	✓	Optional
Hi-Rail 25T Articulated Live Floor Moxy	Self - Propelled	Broad & Standard	✓	✓					✓				✓		✓	N/A
Hi-Rail Live Floor Truck	Guidance	Broad & Standard	✓	✓	✓				✓			✓	✓	Optional	✓	N/A
Hi-Rail 10T Tandem 3-Way Tipper Truck	Guidance	Broad & Standard	✓	✓	✓	✓	✓	✓	Optional			✓			✓	Optional
Hi-Rail 10T Tandem Rear Tipper Truck	Guidance	Broad & Standard	✓			✓	✓	✓	Optional			✓		✓	✓	Optional
Hi-Rail 6T 3-Way Tipper Truck	Guidance	Broad & Standard	✓	✓	✓	✓	✓	✓	Optional			✓			✓	Optional

Table 6: Tipper / Dumper Options Matrix

Hi-Rail Light Vehicles



The LandCruiser HiRail Ute delivers proven power, heavy-duty HiRail capability, 1450kg payload, and full Australian rail compliance—ready for maintenance, inspection, and infrastructure work.

The hi-rail utes have the following specifications

- Built to meet AS7502 and network requirements, ensuring seamless operations across Australian rail networks.
- Data Logging and Vigilance Control Systems
- Ice Radio Systems
- Dual gauge - standard or broad gauge
- Designed specifically for heavy-duty rail work, the integrated rail gear features:
 - High approach angle for safe road transit
 - 180° rotary actuators to lift and stow rail gear neatly within the tray and original bumper
 - Maximum clearance, safety, and durability on and off track
- Supplied with a steel tray. Toolboxes are optional

Ideal for:

- Rail maintenance & inspections
- Construction and infrastructure projects
- Asset management and support crews
- Light road/rail hire fleets

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail Crane Trucks

Jordan Rail has hi-rail crane trucks for hire. The hi-rail crane trucks are ideal for general transport along the track, lifting and positioning structures, Carting and Guiding wire. The hi-rail crane trucks can be used for:

- General transport of material
- Lifting and positioning structures
- Carting and Guiding wire
- Water cart /fire suppression system
- Track maintenance – Can use Hydraulic Tools
- Can operate under the overheads
- Ability to work in underground rail lines

Hi-rail crane trucks can also come with the following:

- Hydraulic Power Pack for Hydraulic Tools
- Single or crew cabs
- Lift Tailgate
- Drum stands with container locks
- Certified lifting equipment
- Tie down equipment
- Rail and sleeper handling equipment
- Water carts or weed sprayer skids

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail Gang Truck



Jordan Rail has hi-rail gang trucks for hire. These trucks are ideal for general track maintenance or construction, with plenty of storage compartments for tools, a hydraulic power pack for hydraulic tools, and a tail lift.

The hi-rail crane trucks can be used for:

- General transport of small construction equipment, tools or materials on or off track.
- Track maintenance – Can use hydraulic tools
- Ideal for rail works, they can operate under live overheads
- Ability to work in underground rail lines

The hi-rail gang trucks can also come with the following options:

- Hydraulic Power Pack for hydraulic tools
- Toolboxes and storage compartments
- Hydraulic tail lift
- Crew cabs can hold up to 5 people
- Tie-down points
- 240v, 12v & 24v power points
- Extra LED work lights around the truck
- Water Pod/Tank with a water reel

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail EWP Trucks

Jordan Rail offers a variety of Hi-Rail EWP trucks in various sizes and types, including EWP trucks, self-propelled booms, and self-propelled scissor lifts. Jordan Rail has an EWP for all jobs and EWPs with a reach of up to 20 metres.

The range of elevated work platforms includes:

- Self-propelled hi-rail EWP.
- Hi-Rail truck-mounted lift boom platforms.
- Hi-rail crane / EWP units.

EWP can also come with the following specifications

- Telescopic Pantographs and Data Recorders
- Cable Manipulators / Hiab Telescopic Arm
- 240v AC Generators
- Vigilance System & Data Logger
- Extendable baskets
- Extendable stabiliser legs
- Up to 750kg basket capacity
- Reach: 8 to 20m
- Can clear train stops
- Tier 1 specs for rail and civil

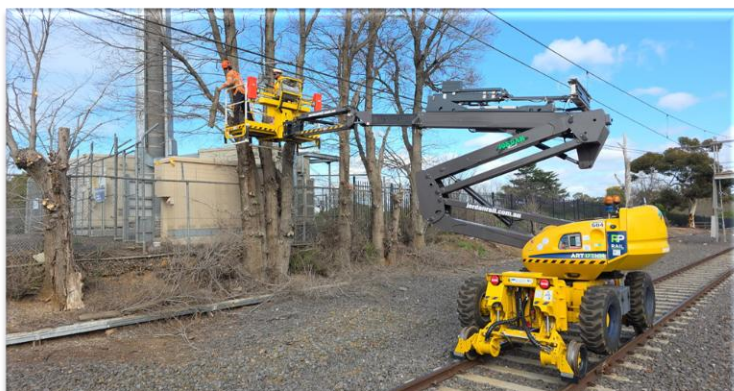
Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail Mobile EWP



Jordan Rail has Hi Rail Mobile EWPs available with the latest in safety and operating systems.

The hi-rail MEWP can come with the following, but is not limited to:

- Tri Gauge – Broad, Standard & Narrow
- 17m max height
- 9m max reach
- 400kg Basket or three-person
- Clears train stops
- Pantograph
- 4-wheel drive
- 4-wheel steer
- Max Cant: 200mm
- Max slope: 1/25 – 40%
- Operating Weight: 12,000 kg
- Rail Trailers available for EWPs

Additional information is available on request.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia

Hi-Rail Agitators / Concrete Mixers

Jordan Rail has a variety of Hi-Rail Agitators / Concrete Mixers with a capacity of up to 5.5 m³.

These agitators are very efficient ways of transporting concrete to its location. They are Ideal for sites only accessible from track or tunnel works.

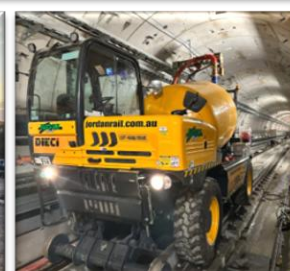
These agitators have the following:

- Dual gauge – Standard and Broad
- Full spec for the Rail Networks and the Tunnel
- Twin steer axles
- Up to 5.5 m³ capacity
- Mixing drum is on a 180-degree turntable – Drum can turn to the left or right for easy discharging
- 6m reach from the centre of the track

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Hi-Rail RTV



Jordan Rail can dry hire Kubota RTV900 Hi-Rail Utility Vehicles. The Kubota Utility Vehicle can be used as:

- Inspection vehicle
- General work vehicle
- Welding vehicle
- Weed/vegetation control unit
- Fire suppression vehicle.

The Kubota utility vehicle has a hydraulic tri-gauge rail guidance system with a hydraulic tipping cargo tray. It can also come with a light hi-rail trolley for extra storage/carrying capacity, a vegetation control system, or a fire suppression system, making it a very versatile hi-rail vehicle.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia.



Self-Propelled Tamer

Jordan Rail has a new Brad tamer available. The compact machine guarantees a quality of ballast tamping without any need for large tamers and at a fraction of the operational and mobilisation costs.

The tamer can be driven on a tilt tray truck and offloaded in minutes. The off-trackable machine allows easy and quick insertion into any section of the rail network.

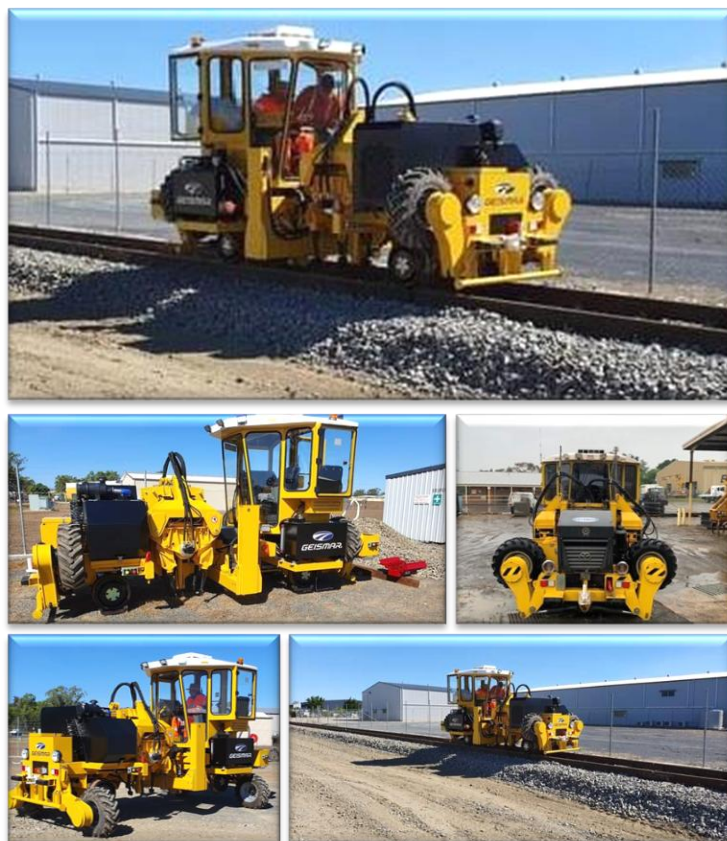
The tamer can come with, but is not limited to:

- Tri Gauge – Broad, Standard & Narrow
- Hydrostatic 4-wheel drive
- Up to 25 kph on travelling
- Up to 8 kph on working
- Number of tamping tines: 8 (4 per head)
- 360 sleepers per hour
- Tamping straight track and turnouts
- 4,880 x 2,500 x 2,700 mm (L x W x H)
- Track surveying and printout
- Tier 1 Specs

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available for all networks across Australia.



Rail Tug Vehicle



Jordan Rail's Rail Tug Vehicles are available with modular rail trailers. As a result, almost all options are interchangeable, and the rail trailers add further versatility to the setup. The rail tug vehicles have four hydrostatically driven wheels with fail-safe brakes. They can push or pull several rail trailers and have a maximum speed of 15 – 20 km/hr.

The rail tug can come with, but is not limited to:

- Size: 5.7 x 2.85m
- Rail tug vehicle ATM: 112,000kg
- Payload: 3,500kg
- Fail-safe brakes (pneumatic)
- Direct hydrostatic control
- Broad and Standard rail gauge
- Rail Vehicle Sanding System
- Ringfeder on both ends
- Surround lighting
- Directional lighting
- Cameras
- Tier 1 specs
- Wireless remote control

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Rail Self-Propelled Trailers

Jordan Rail's self-propelled rail trailers are available in two sizes: 7.5m and 11.5m, with a GVM of 17T and 50T, respectively. The trailers have four hydrostatically driven wheels with fail-safe brakes.

The self-propelled trailers come with:

- Dual Gauge – Broad and Standard
- Remote controls
- Directional lights
- Surround lighting
- Up to 15km per hour
- Deck sizes
 - 7.5m x 2.9m (GVM: 17T)
 - 11.5 x 2.9m (GVM: 50T)
- Pneumatic service and park brake systems
- Ringfeder, pintle hook or clevis type tow connection at one or both ends
- Can tow other trailers
- Handrails

Available Rail Gauge: Board, Standard

Hire Type: Dry hire & Wet hire

Available for board & standard gauge networks only.



Rail Trailers



Jordan Rail has a large range of rail trailers with capacities from 10T to 40T. The following features are standard on many models:

- Gauge convertible (to allow operation on narrow, standard, or broad-gauge rail)
- Deck sizes are as follows
 - 3m x 2.4m
 - 4m x 2.4m
 - 6m x 2.4m
 - 7.5m x 2.9m
 - 11.5m x 2.9m
 - 14m x 2.9m
- Pivoting axle or spring suspension
- Insulated rail wheels
- Pneumatic and hydraulic service and park brake systems
- Ringfeder, pintle hook or clevis type tow connection at one or both ends
- Directional lighting
- Handrails
- Lifting lugs rated
- Varies drawbar sizes

The rail trailers can be towed by all hi-rail excavators, dumpers and trucks.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available throughout Australia.

Hi-Rail Water Cart

Jordan Rail has a variety of options for hi-rail water trucks. The Hi-rail water cart allows access to difficult and confined locations. We have firefighting/water tank units that can fit onto

- Hi-Rail Tipper Trucks
- Hi-Rail Crane Trucks
- Hi-Rail Flatbed Trucks

Hi-rail water trucks can come with, but are not limited to:

- 1,000 to 10,000 litres of water tanks
- Water cannon
- Dribble bars
- Rear sprays
- 20 - 40m retractable hose reel
- Handheld wireless remote control
- Suction fill kit

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available throughout Australia.



Hi-Rail Weed Sprayer

Jordan Rail has a variety of options for hi-rail weed sprayer for weed and vegetation control. The Hi-rail ssprayers allows access to difficult and confined locations.

We have sprayer units that can fit onto

- Hi-Rail Tipper Trucks
- Hi-Rail Crane Trucks
- Hi-Rail Flatbed Trucks
- Rail Trailers

Hi-rail water trucks can come with, but are not limited to:

- 800 to 3,000 litres of tanks
- Retractable spray bars
- 50m powered retractable hose reel
- Spray guns
- Handheld wireless remote control
- Suction fill kit

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available throughout Australia.



SUPPORTING PLANT AND EQUIPMENT

Wheeled Loaders

Jordan Rail has a variety of wheeled front-end loaders, which are set up for rail and civil applications and have adjustable double redundant height restrictors for working near live overhead lines.

Jordan Rail's primary loaders are Liebherr and Volvo; the loaders come with the following attachments:

- Forks
- Bucket
- Extendable jib
- Rail clamps and
- Dragging block

Other Attachments may include Grapples, grabs, or Sieve Buckets. Certified Lifting Equipment is also available on request.

Hire Type: Wet hire or Dry hire

Available throughout Australia



Loader Options Matrix

Description	Standard Attachments	Optional							Comments
		Quick Hitch	Forks	Lifting Jib	Grapple	Sieve Bucket	Scales	Height Limiter	
20T Wheeled Loader	Bucket	✓	✓	✓	Optional	Optional	Optional	Optional	Make & Models: • Volvo L120F • Liebherr L550 • Volvo L120H
15T Wheeled Loader	Bucket	✓	✓	✓	Optional	Optional	Optional	Optional	Make & Models: • Volvo L90H2

Table 7: Loader Options Matrix

Loader Attachments



Loader Buckets

Loader Extendable Jib

Loader Forks

Loader Grabs

Flip Screen Buckets

Figure 4: List of Wheeled Loader Attachments

Refer to the **Civil Capability Statement** for more information on Civil Plant and Equipment Options.

Rail Tools and Equipment



E-Clipping Machines



Fast Clipping Machines



Rail Hand Tools



Rail Saws



Rail Drills



Rail Sleeper Drills



Rail Impact Wrenches



Rail Gauges



Platform Rail Gauges



Height & Stagger Gauge



Rail Push Trolleys - 1.2T



Rail Push Trolleys - 2T



Power Packs



Hydraulic Cylinders



Rail Jacks



Wheel Chock



Rail Rollers



Rail Drag Block



Rail Scissors



Rail Tongs



Light Towers – Diesel & Solar



Safety Barriers



Bog Mats



Certified Lifting Equipment



Spreader Beams

Figure 5: List of Rail Tools and Equipment

HI-RAIL PILING PLANT HIRE

Jordan Rail has vast experience in piling works within the rail corridor and has a wide variety of plant and equipment to meet all your needs. We have completed work on the most awkward, confined, and difficult sites with no problems or incidents. We can complete work in the most challenging conditions and scenarios, such as:

- Normal conditions
- Rock conditions
- Wet ground conditions
- Drill on raised embankments
- Drill on lower embankments
- Drill under low headroom, i.e., under structures, bridges, and overheads.
- Drill close to structures
- Drilling over structures
- Drilling at reach
- Casing/sleeve installation or extraction
- Sheet Piling

The table below lists different hi-rail piling configurations that can be used:

Hi-Rail Piling Rig Options Matrix

Description	Rail Gauge	Clear Train Stops	Size	Drill Depth	Drill Diameter	Comments
Hi-Rail Drilling Configurations						
Hi-Rail Tracked Excavators with Pendulum Drills	Broad, Standard & Narrow	✓	8 – 22T	4 - 10m	150 - 2,000 mm	Includes Telescopic Kelly Bars and Fixed Kelly Bars
Hi-Rail Wheeled Excavators with Pendulum Drills	Broad, Standard & Narrow	Optional	7 – 32T	3 – 8m	150 - 1,500 mm	Includes Telescopic Kelly Bars and Fixed Kelly Bars
Hi-Rail 27T Drilling Rig	Broad, Standard & Narrow	✓	27T	12m (Can be increased)	450 - 1,500 mm	Low-Headroom with Interlocking Kelly Bars. Kelly Bar is interchangeable.
Hi-Rail 32T Wheeled Excavators with Movax Drilling Attachment	Broad & Standard	✓	30-40T	15m	450 - 1,500 mm	Low-Headroom Drill with Interlocking Kelly Bars
Hi-Rail Pilling Configurations						
Hi-Rail 32T Wheeled Excavators with Hammer Pile Driver	Broad & Standard	✓	30-40T	N/A	N/A	Applications • Sheet pile • H-beam • Tubular steel pile • Precast concrete Pile • Timber pile
Hi-Rail 32T Wheeled Excavators with Movax Side Grib Pile Driver	Broad & Standard	✓	30-40T	N/A	N/A	Applications • Sheet pile • H-beam • Timber pile • Tubular pile, tubes
Hi-Rail Tracked Excavators with EMV	Broad, Standard & Narrow	✓	8 – 22T			Applications • Sheet pile • H-beam

Description	Rail Gauge	Clear Train Stops	Size	Drill Depth	Drill Diameter	Comments
Hi-Rail Wheeled Excavators with EMV	Broad, Standard & Narrow	Optional	7 – 32T			• Timber pile • Tubular pile, tubes
						Applications
						• Sheet pile • H-beam • Timber pile • Tubular pile, tubes

Table 8: Hi-Rail Piling Rig Options Matrix

Piling Attachments



Figure 6: List of Piling Attachments

For more information on Piling Options for rail and civil, please refer to the **Piling Capability Statement**.

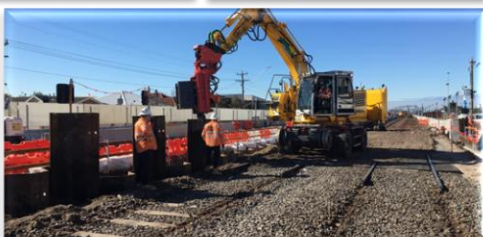
Hi-Rail Piling Configurations

Jordan Rail has a wide variety of piling for rail and civil applications. The following is a list of the different types of hi-rail drilling setups available:

- Hi-Rail Drilling Rigs – 27T
- Hi-Rail Wheeled Drilling Rigs - 32T
- Hi-Rail Tracked Excavator with Pendulum Drill Motor – 8T to 20T
- Hi-Rail Wheeled Excavator with Pendulum Drill Motor – 7T to 32T
- Hi-Rail 32T Wheeled Excavators with Hammer Pile Driver
- Hi-Rail 32T Wheeled Excavators with Movax Side Grib Pile Driver
- Hi-Rail Tracked Excavators with EMV – 14 to 20T
- Hi-Rail Wheeled Excavators with EMV – 14 to 32T

The hi-rail piling configurations can come with:

- Drill to a maximum depth of 15m
- Diameter of 150mm to over 2,000mm
- Tri gauge – Broad, Standard & Narrow
- Can clear train stops
- Tier 1 Rail Specs
- Capability of towing rail trailers



Jordan Rail can also supply:

- Casings for sale or hire (450mm to 1,200mm)
- Hole covers and barriers
- Tremie systems
- Concrete kibbles

Applications

- Large diameter & deep auger drilling
- Hard rock auger drilling
- Core barrel drilling
- Pole and mast installations
- Foundation piles
- Retaining walls
- Shafts
- Mast installations
- Dewatering holes
- Geotechnical sampling
- Sheet piling
- Sleeves/casing install and extraction
- H-beams, poles, SHS, RHS and sheet piles installations

For rates or lump sum pricing, please contact the office.

Available Rail Gauge: Board, Standard & Narrow

Hire Type: Dry hire & Wet hire

Available throughout Australia.

LABOUR HIRE

We can provide our clients with various labour solutions, from individual personnel hire and work crews to total project management. We can provide personnel in the following positions:

- TVO Operator (Hi-Rail)
- Machine Operators
- EWP Operators
- Crane Operators
- Float Drivers
- Truck Drivers
- Dogmen
- Rigger
- Labourers
- Spotters
- Trade Assistants
- Form Workers
- Track Inspectors
- Track Certifiers
- Leading Hands
- Rail Supervisors
- Civil Supervisors
- Piling Supervisors

FURTHER INFORMATION

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For more information:

Website - www.jordanrail.com.au

Online Capability Statement - [Jordan Rail Capability Statement](#)

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[Civil Capability Statement](#)

[Piling Capability Statement](#)

[Heavy Haulage Capability Statement](#)