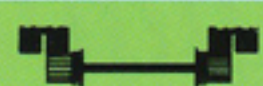


MAVCO RAIL

RAILWAY CONSTRUCTION & MAINTENANCE EQUIPMENT



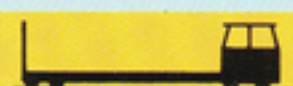
HYDRAULIC DRIVES



FRICTION DRIVES



CRANE CONVERSIONS



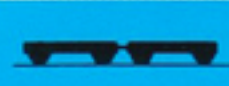
LOW BED TRANSPORTERS



AUGER DRIVES



WORK PLATFORM CONTROLS



BOGIE ASSEMBLIES



INSULATED WHEELS



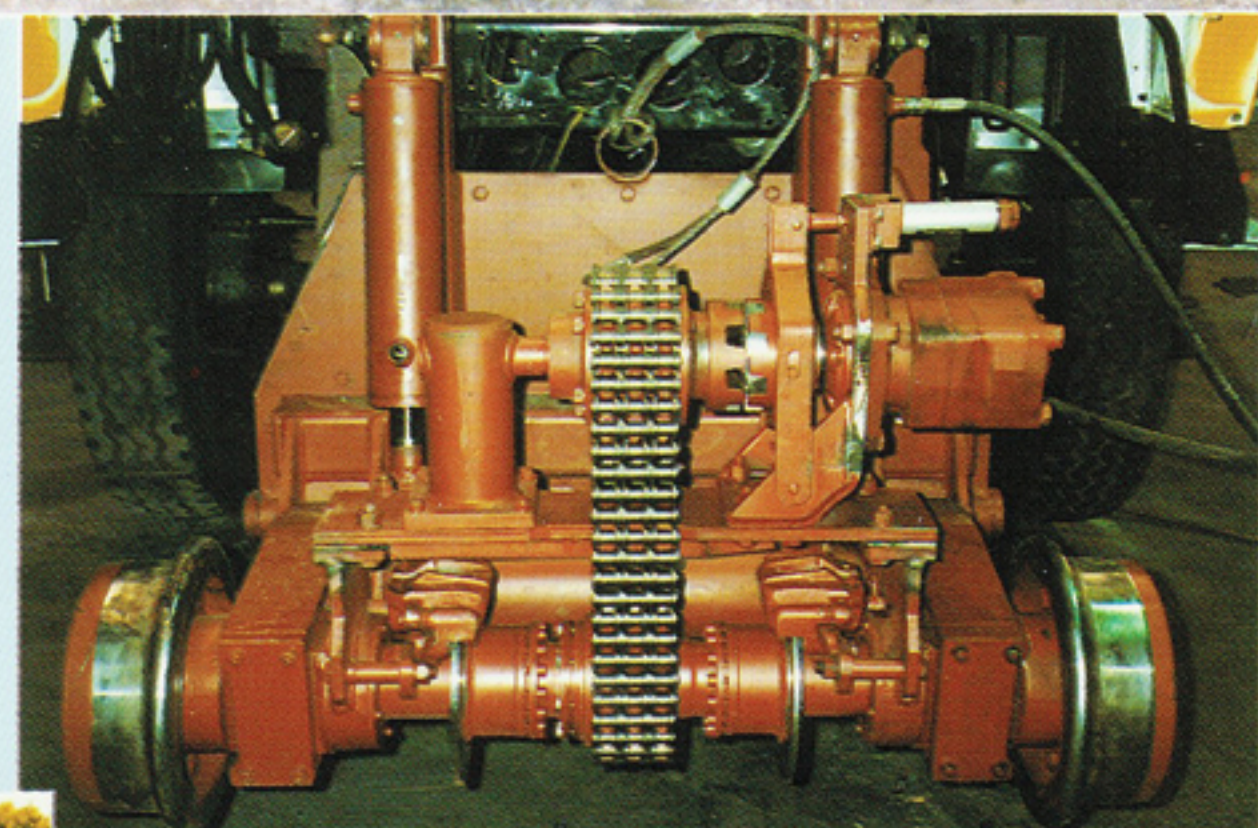
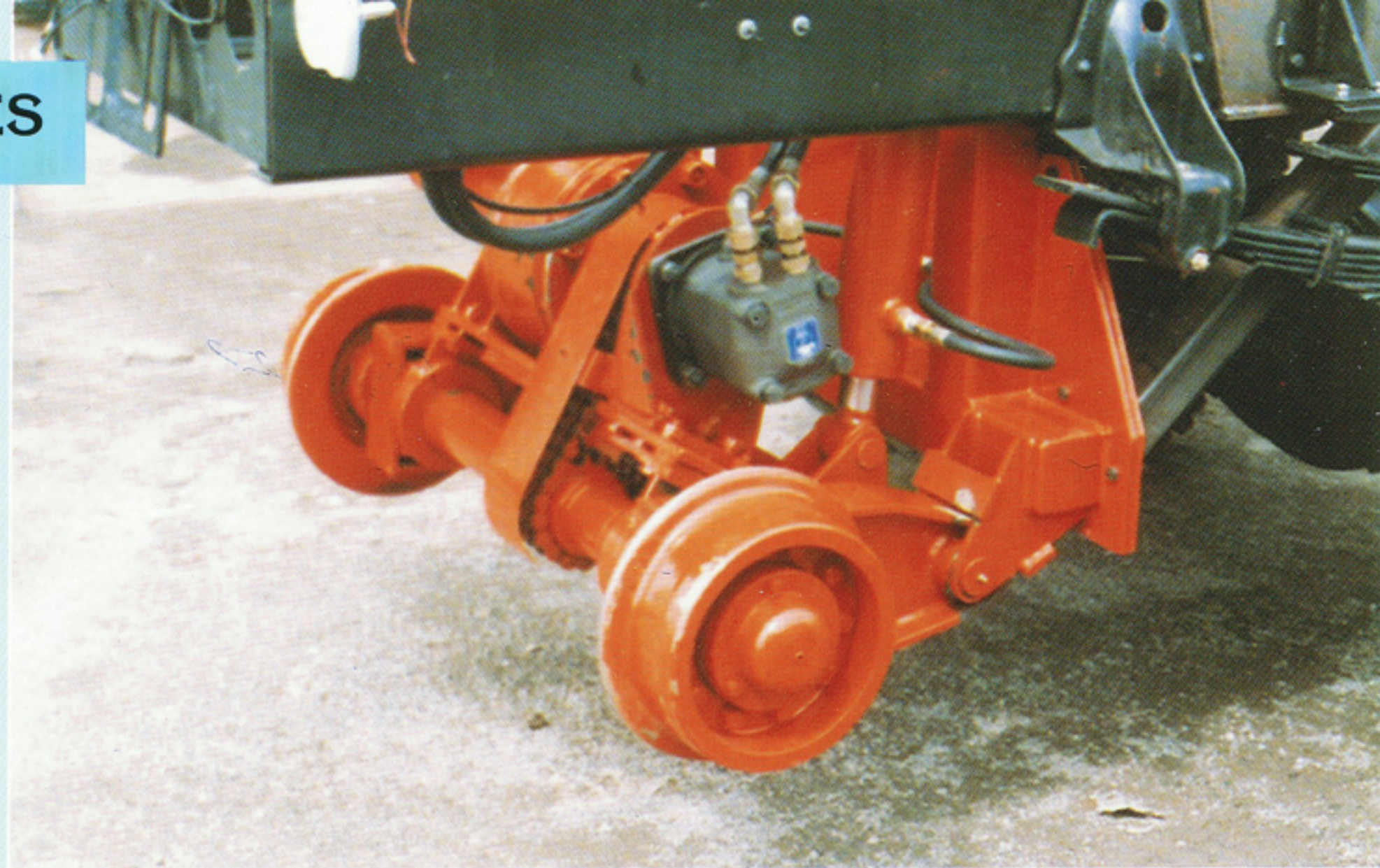
HYDRAULIC DRIVES

MANCO offer a range of hydraulic drives to suit commercial vehicle carrying capacities, (from 2 tonne to 20 tonne), and construction plant with weights up to 40 tonne.

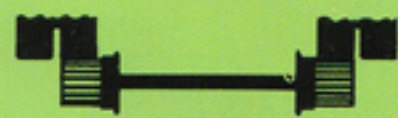
Also available are the multiple drive options to provide low speed feature, for hydraulic platform operation.

Systems incorporate the following options:

- Fail safe Brakes
- Emergency backup drive systems
- Independent braking systems
- Insulated wheel options



Ideal for construction plant



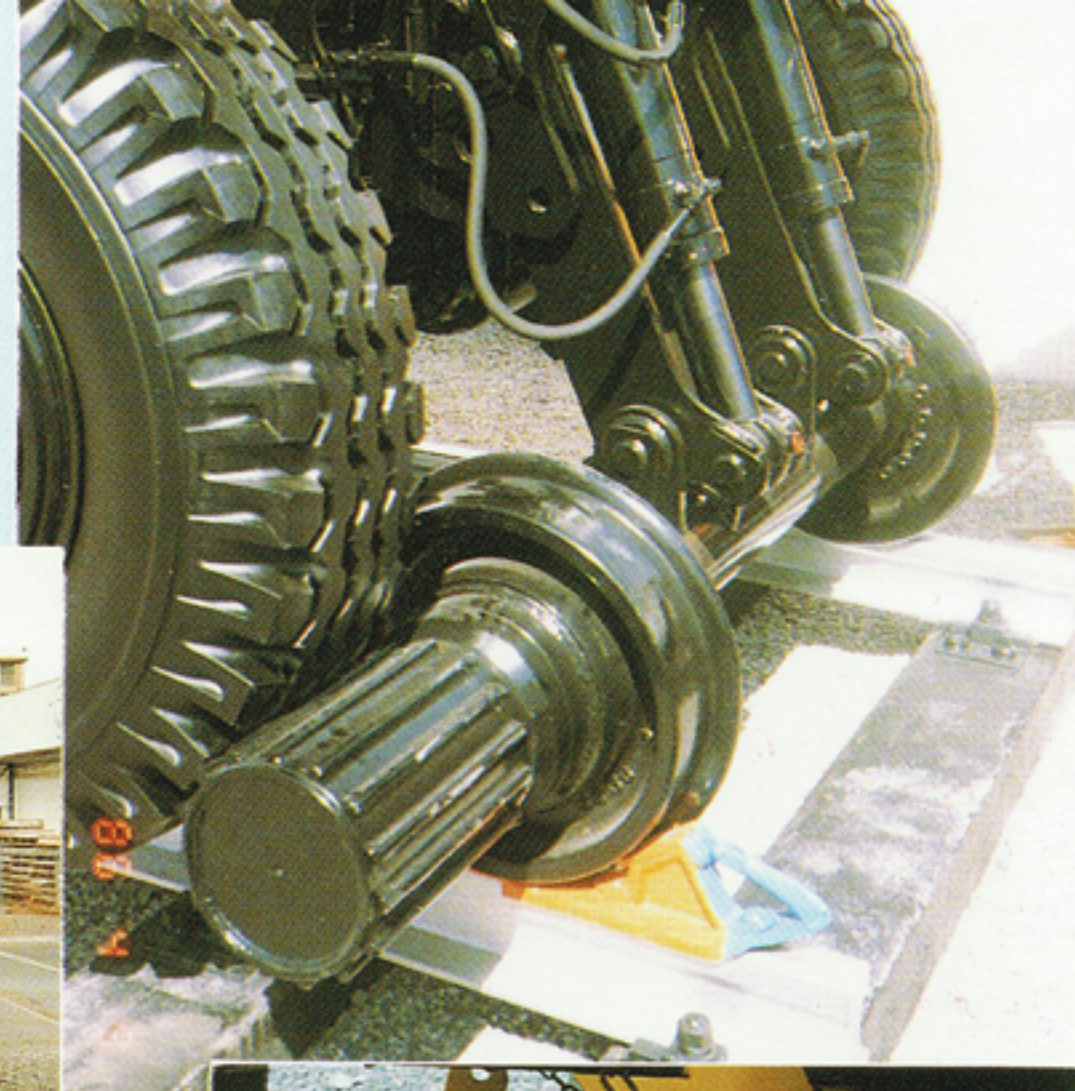
FRICTION DRIVES

Our excellent range of friction drive systems, are designed to provide maximum flexibility for vehicle pay loads, chassis height variations and track gauges. Using modular componentry that is available in a range of sizes, depending on pay loads, we have developed a totally reliable and maintenance free range of friction drive systems. A key ingredient is our purpose built reversing box, which can be introduced into the power train, permitting normal driver gear selection, not available from many of our competitors.

Additionally, we can combine hydraulic drives, with friction drives, to provide crawler speeds in over head maintenance work.

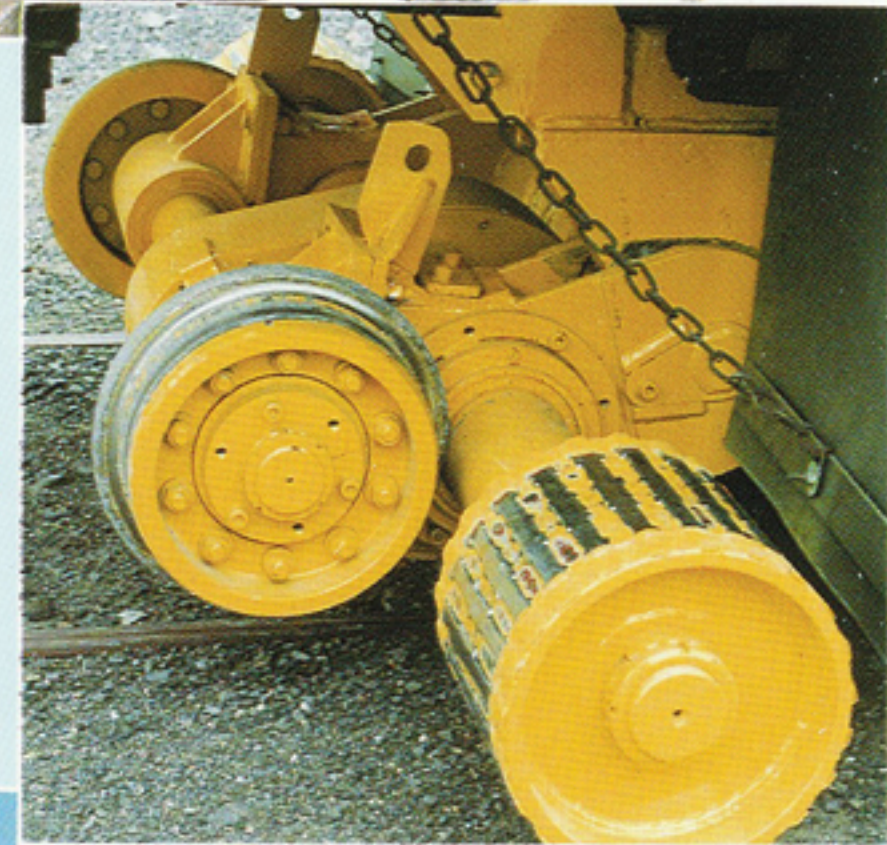
Furthermore, the same systems can be adapted for construction use.

Adaptable for
construction use

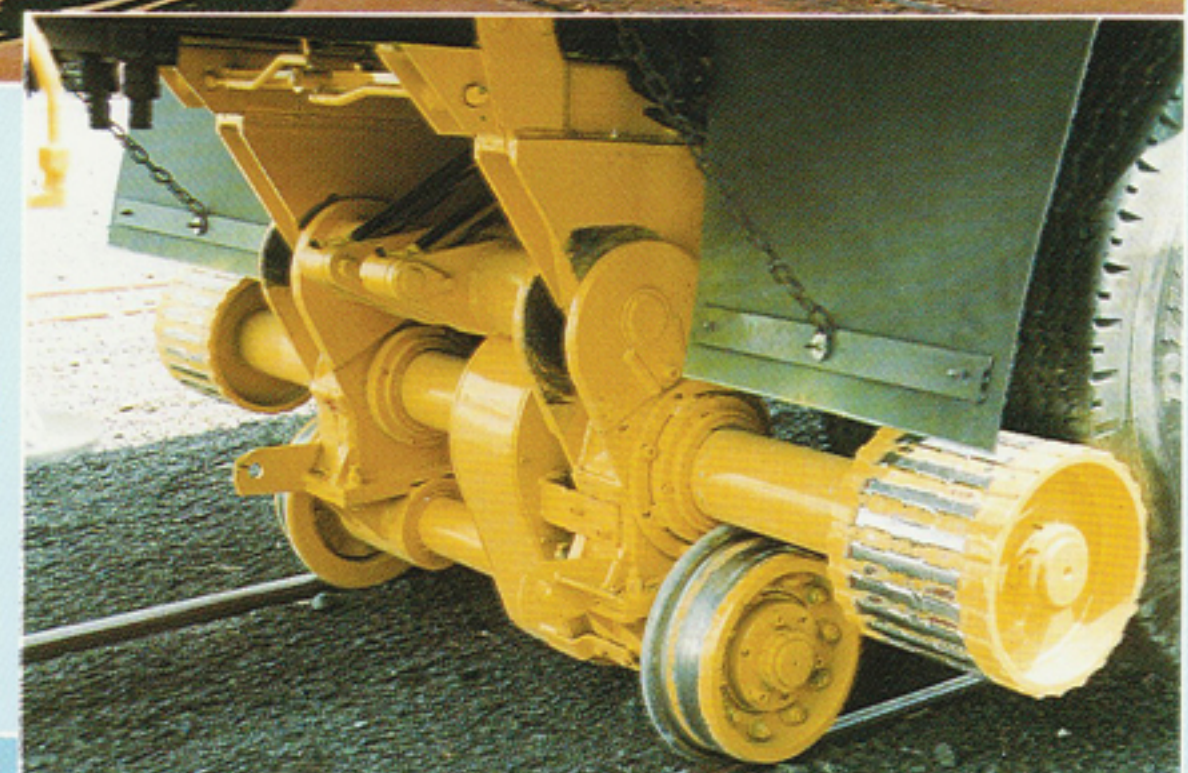


Modular for varying gauges

Raised



Lowered





LOW BED TRANSPORTERS

Full off-tracking equipment
available as an option.

Units are generally provided with insulated wheels, independent suspended rear axles, and hydraulic actuated loading ramps. Hydraulic systems, are full variable displacement with pneumatic disc braking and secondary park and emergency brakes.

Particularly useful for maintenance and electrification construction places, the low bed transporter is available in varying pay loads, deck lengths and hydraulic options.



The use of low bed transporters, provides a multiple transport option without the cost of a special conversion to any particular vehicle or construction plant item.

MANCO, working in conjunction with world renowned crane and platform manufacturers, can provide you with excellent options for materials and personnel handling equipment.





AUGER DRIVES

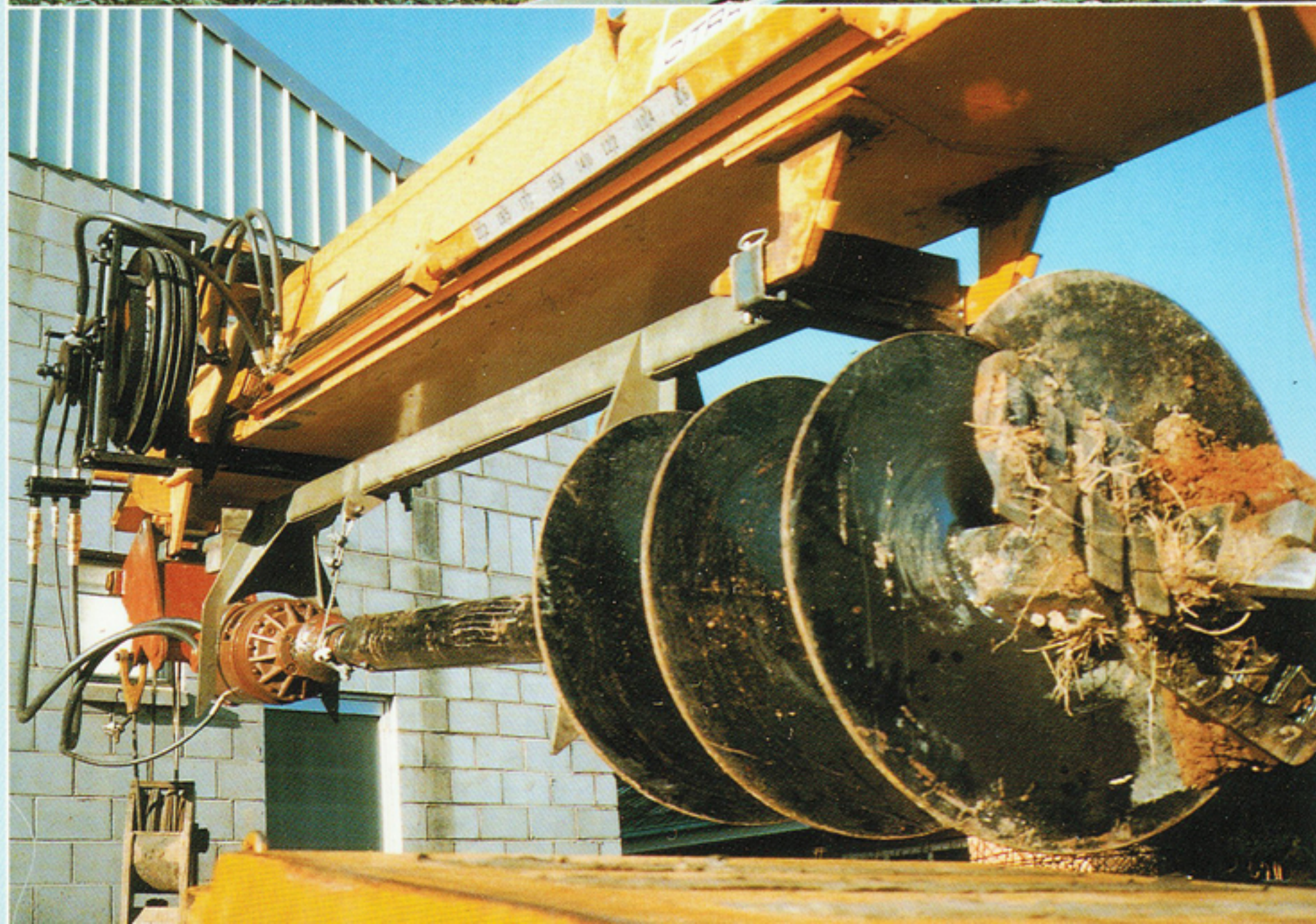
Our purpose built systems incorporate some of the following features:

- Automatic Capstan wind up to interlock Auger with telescopic crane boom when not required.
- High speed discharge for removing puggy clays.
- Range of flutes and drill heads, with and without replaceable teeth, depending on ground conditions.



In today's railway networks, the Auger is an integral part of both construction and maintenance activities. More than ever before, drives must provide a wide range of flexibility, from near rock conditions through to sandy-loam and puggy clays.

Depending on hydraulic circuitry available, our Auger drives incorporate low speed, high torque orbital hydraulic motors driving internal slew rings, or epicyclic systems, with double flow features for high speed discharge.





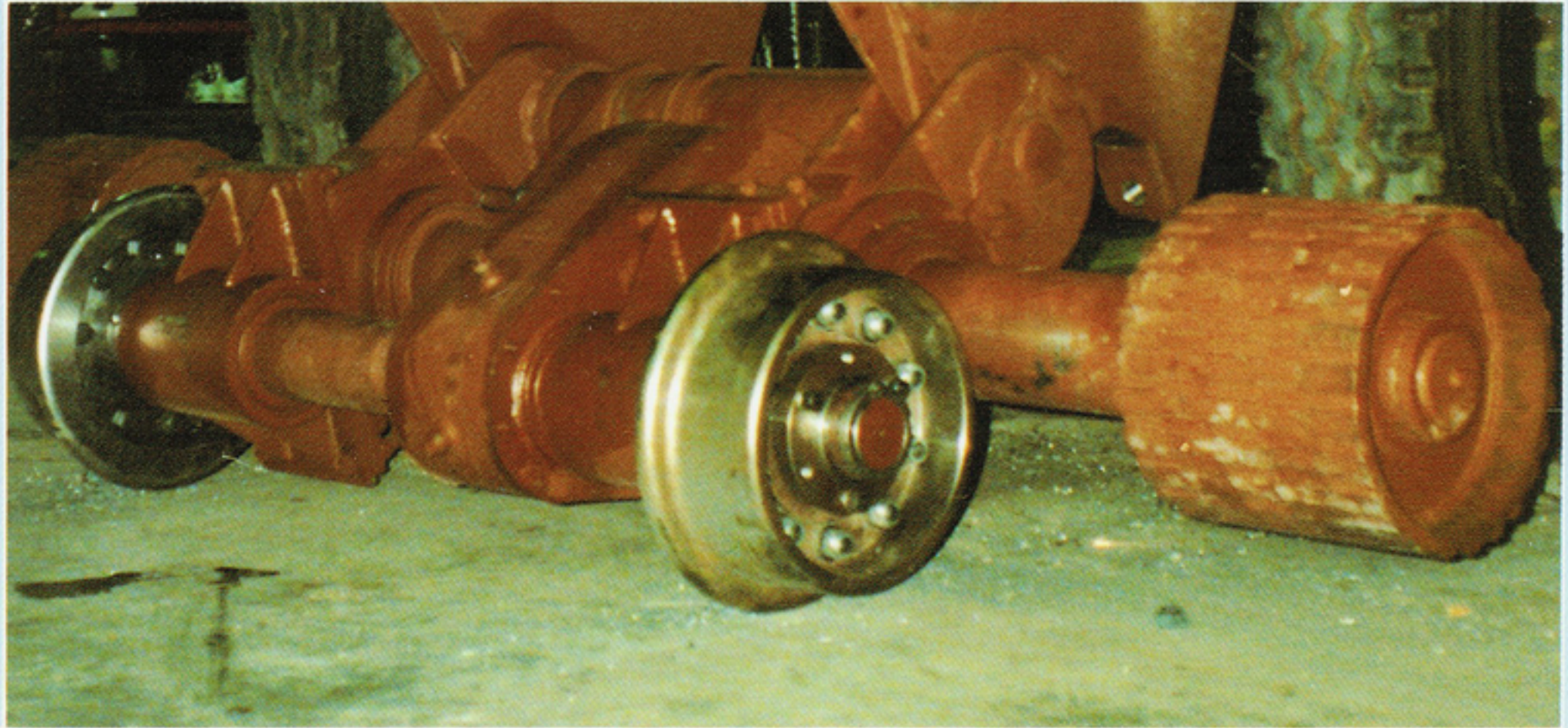
BOGIE ASSEMBLIES



INSULATED WHEELS

In addition to our low bed transporters, clients frequently require just the bogie assembly, with a small platform area that can enable the unit to be lowered onto a bogie assembly for short term operation.

In such circumstances, the unit can be towed by an additional vehicle or a hydraulic drive can be incorporated from the prime mover.



Custom built bogies, along with insulated wheel options are offered in a range of sizes, depending on tare weights, track gauges and insulation requirements.

MANCO RAIL

A trading division of Manco Engineering and Equipment Company Limited
139 Cryers Road, East Tamaki
PO Box 58-609, Greenmount
Auckland
NEW ZEALAND

Telephone 64-9-274 9862

Facsimile 64-9-274 7393

Equipment shown are projects involving MANCO Engineering Group - Directors, staff and the company facilities. In some cases, they depict equipment supplied by other companies, or under manufacturing licence agreements.

