



BELCO CABLE SERIES

CT250 - 2.5T ATM Single Axle Cable Trailer

Description

The Belco 2.5T Single Axle Cable Trailer is purpose-built for the safe, efficient transport and deployment of cable drums up to 2.2 metres in diameter and 1.5 metres wide. Designed and manufactured for tough Australian conditions, this trailer combines rugged construction with hydraulic loading arms and an optional diesel powered reversible drum drive to streamline cable handling on-site. With manual controls or optional pendant controller, it offers flexible and reliable performance for cable operations where simplicity and safety are key.

Key Features

- Suits cable drums up to (D) 2.2m x (W) 1.5 m
- Reversible hydraulic drum drive with onboard or remote speed control (Optional)
- Hydraulic self-loading arms for safe/efficient drum handling
- Dual-spool control valves for independent arm and drum operation
- Robust hot dip galvanized or painted chassis and 1T payload capacity
- Ridemaster Single Axle suspension with Dexter electric brakes
- Base power source 12V battery-powered hydraulics
- Optional diesel-powered hydraulic system with safety flow control and pressure relief
- Twin 10 mm safety chains and LED lighting
- ADR compliant



Loading Mechanism

Loading is handled via independently operated, hydraulic-powered loading arms. The drum rotates via oil-filled nylon collars supported on a fixed, non-rotating spindle. Drums up to 1.5 m wide, 2m in diameter, and 1 T can be loaded and deployed via this mechanism. Rear drop-down legs provide additional stability during loading operations.



Power and Pay out/Haul in (Option)

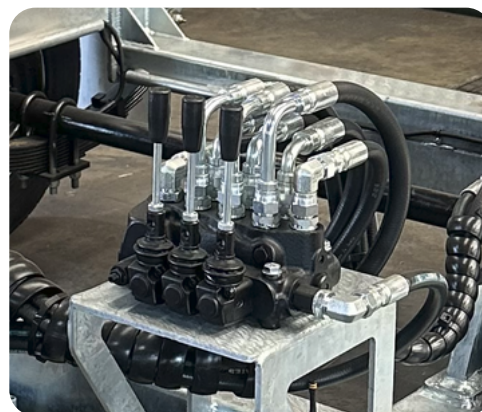
A 12V battery is used to deliver hydraulic power in the base version, this can be upgraded to a 9.5HP diesel engine for loading or the engine becomes standard when the drum drive/rotator is included in the specification.

With the drum drive in place, variable (controlled) deployment speeds of up to 6km/h can be reached.



Operating Controls

Manual operational controls are located on the trailer, or can be upgraded to a Bluetooth pendant control. Key safety features include over-center valves on the loading arm cylinders to prevent uncontrolled descent, a pressure relief valve to protect the system from overpressure, and a priority flow divider to maintain consistent hydraulic flow for safe and efficient multi-function operation. Manual controls can be optionally fitted within a protective enclosure.





Specifications - 2.5T ATM Single Axle Cable Jinker

DIMENSIONS

Design Standard	AS3990
Weld Standard	AS1554-Part 1 (SP)
Overall Length	~2,800 MM
Overall Width	~2,350 MM
Overall Height (without drum)	~2,160 MM
Overall Height (with largest drum)	~2,700 MM
Weight (Tare)	~*1,000 KG

CAPACITY

Maximum Cable Drum Weight	*1,500KG
ATM	2,000 KG
Drum Diameter Capacity	2,200 MM
Drum Width Capacity	1,500 MM
Spindle	(D) 75MM
Hydraulic Pressure Design	180 Bar - 200 Bar
Tyre Size	235/75/15

Tyre Pressures	340 kPa
Brakes	12" Dexter Electric Brakes

*impacted by options taken that change TARE weight

POWER SYSTEM

Engine	Kohler CH395 9.5HP (option)
Pump	10cc/rev gear pump
Hydraulic Tank Capacity	~25L
Battery	12V in Mounted Toolbox

HYDRAULIC FEATURES

Drum Drive	Variable Speed /Reversible (option)
Controls	SDM10 sectional spool valves
Load Arms	Lifts 1,000kg 30~60 sec
Pressure Relief	200 Bar
System Flow	11 L/min @3,600 RPM

CONSTRUCTION

Chassis	125 x 75 x 6 RHS
Drawbar	125 PFC
Centring Collars	Oil Nylon to Suit Drum
Locking Collars	Zinc Plated Bolt Up
Jockey Wheel	1 x Sidewind Dropleg
Rear Legs	2 x Sidewind Droplegs

RUNNING GEAR

Suspension	Single Axle RMX Suspension
Axles	60mm Round (3T)
Springs	60mm, 8 Leaf
Rims	6 Stud, White Steel
Tyres	235/85R16

GENERAL

Lighting	ADR Compliant LED's
Coupling	50mm Ball
Safety Chains	Twin, 10mm Rated
Trailer Plug	7 Pin Round
Spare Wheel	Front of Drawbar
Mudguards	2.1mm Checkerplate
Wheel Chocks	4, Mudguard Mounted
Handbrake	Mechanical Override
Break Away	TrailerVision (ADR compliant)

