Terex TCP403

The Optic Fibre Cable Placer for your Fleet

Enquires to:

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• The TCP403 is a three section telescopic boom designed to place fibre optic [or copper] strand lines for the telecommunications industry.

• The third section of the boom is filament wound fibre glass to provide maximum strength as well as the insulation properties of this construction.

• The truck is driven from pole to pole while the operator coordinates the stringing of the cable — an intercom system is provided for this operation.

• The TCP403 can carry a load of two tonnes of cable controlled by the uniquely designed air brakes and hydraulically driven drum mechanism to provide exact tensioning as you string the cable.
Supplementary winch as a standard feature.

Fairleads and cable rollers designed to handle all cable sizes.

Controls in cabin for setting tensions and controlling the drum.

Emergency controls located on the EWP Pedestal.
Australia TCP403 Cable Pacer

Terex-Utilities TE-403 insulated three section telescopic aerial device,
12.2m ground to bottom of platform,
13.7m working height.
9.1m side reach

Design Criteria:
Design criteria is in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design.

Platform:
End mounted fibreglass platform. Rated capacity of 227 kgs down and 272 kgs side on stringer gear. A safety harness and lanyard is provided.

Control System:
Full pressure, individual lever hydraulic controls with lower console controls capable of overriding the platform controls at any time.

Platform Levelling:
A positive hydraulic platform levelling system to maintain the bottom of the platform in a position level to the ground throughout the range of elevation.

Second Section:
Filament wound fibreglass telescopic second section extending 2.43m. and powered by a double acting, trunnion mounted, hydraulic cylinder in the second extension.

Third Section:
Insulated, cable extended, filament wound fibreglass, telescopic third section extending 2.43m powered by a double acting, trunnion mounted, hydraulic cylinder in the second extension.

Second and third fibreglass telescopic sections extend and retract simultaneously.

Boom Elevation:
Boom elevation of -26 degrees to + 80 degrees.

Lift Cylinders:
All hydraulic cylinders are equipped with pilot operated holding valves.

Continuous Unrestricted Rotation:
A hydraulic collector block provides a rotating oil distribution system for continuous and unrestricted rotation.

Hydraulic System:
114 litre capacity, steel fabricated hydraulic oil reservoir including oil breather/filler cap and screen, 100 mesh suction line filter screen, dipstick and shut off valve.

10 micron return line filter, replaceable cartridge type.
Hydraulic gear type pump for use with open centre hydraulic system.
Miscellaneous:
Two manuals, including operation and maintenance procedures, and a replacement parts listing are provided. All warning decals are provided.

Fire Retardant Platform:
Platform Tool Tray:
Tool Outlets at Platform:
24 Volt Electrical Components:
24 Volt Auxiliary Let Down:

Deck and Loader Assembly:
Capacity: 1,800 kgs based on 8,600 kgs rear axle capacity.
Reels up to and including 2,200mm diameter, 1470mm wide.
Spindle bar 6.5mm diameter high strength steel.
Brake air operated and adjustable from cab, capable of 0 – 2,825 Nm drag.
Brake mechanism carried on loader arm.
Automatic engagement of spindle bar to brake mechanism.
Complete with cones, drive dogs and standard cable reels.

Multi operation.
Powered Reel Drive for Rear Loader - Carrier
Controllable from bucket or base controls.
2,825 Nm pull capacity.
For sagging or payout. Power drive automatically disconnects when stringing.

Tow Winch Line:
Cable Guide:
4-way Fairlead:
4-way Roller:
Fairlead Arm Installation on platform

Terex-Utilities 4,060mm line body
1170mm high X 2390mm wide.
430mm compartment depth.
610mm horizontal compartment height.
100mm wheel wells.
16 Ga. body materials.
Body constructed in side packs.
12 Ga. Tread plate compartment tops.
Automotive rotary type door latches.
Locks to be keyed to LL-71.
Stainless steel rod and brass socket type door hinges.
Chain stops on all doors.
Double Panel Body Doors.
Rubber rolled crown type fenders.
Master door lock system.
Automotive Bulb Type Weather stripping.
Streetside Compartmentation:
1st Vertical: 864mm high
685mm wide with 5 fixed/adjustable material hooks 1-3-1.

2nd Vertical: 860mm high
685mm wide with 2 adjustable shelves each with adjustable dividers on 150mm centres.

3rd Vertical: 860mm high
510mm wide with 2 adjustable shelves each with adjustable dividers on 150mm centres.

Horizontal:
1625mm open compartment with adjustable dividers installed in compartment bottom on 150mm centres.

Rear Vertical:
457mm wide with 4 fixed/adjustable material hooks 1-2-1.

Curbside Compartmentation:
1st Vertical: 712mm high
685mm wide with 5 fixed/adjustable material hooks 1-3-1.

2nd Vertical:
685mm wide with 2 adjustable shelves each with adjustable dividers on 150mm centres.

3rd Vertical:
508mm wide gripstrut access steps to bed area.

Horizontal:
1625mm wide with one adjustable shelf. Adjustable dividers on shelf and compartment bottom installed on 150mm centres.

Rear Vertical:
558mm wide with 4 fixed/adjustable material hooks 1-2-1.

Wheel Chock Storage:
Two each side built into body wheelwells.
Dimensions When Mounted on Hino 1527

CURBSIDE VIEW
HINO FG 1527 4X2