

Edbro
SETTING THE INDUSTRY STANDARD

CS HOIST

SEE TWL FOR ALL YOUR TIPPING AND
HYDRAULIC REQUIREMENTS

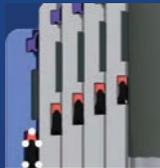


PROFIT POWER

FEATURES

Double lip wiper seal ensures efficient lubrication of each tube and prevents contamination of the cylinder.

Unique 5 point sealing system reduced friction for years of smooth, trouble-free operation.

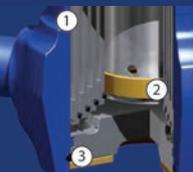


Wear rings from non-metallic acetal material provide low friction and long service life.

One-piece tubes with large stop contact faces provide optimum durability for long life & reduced maintenance.



1. Friction welded tube assembly increases strength & fatigue life.
2. Brass slider reduces risk of scoring & damage due to side load.
3. Unique clip and seal arrangement provide long life and ensures easy servicing.

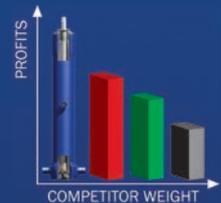


BENEFITS

LIGHTER

Increased Payloads

The world's lightest tipping cylinders providing increased payload & so increased operating profits.



FASTER

Faster Tipping Speeds

One-piece tube construction and increased tube contact faces allow faster tipping speeds.



STRONGER

Increased Lift & Side Load Capacity

Advanced design and production engineering techniques, including laser welding, provide increased lift capacity & side load resistance. Base tube head section increased by as much as 53%.



TWL STOCKS ALL THE HYDRAULIC SPARES YOU NEED TO KEEP YOU ON THE ROAD.



HYDRAULIC COUPLINGS

PART NO:	Description:
PB3310	1 inch Hydraulic Coupling - Complete
PB3310/11	Plug for 1 inch coupling
PB3310/12	Dust Cap for 1 inch coupling
PB3310/22	1 inch coupling - Male only
PB3310/50	2 inch coupling - Female only
PB5600	3/4 inch Hydraulic Coupling - Complete
PB5600/22	3/4 inch coupling - Male Only
PB5600/50	3/4 inch coupling - Female Only



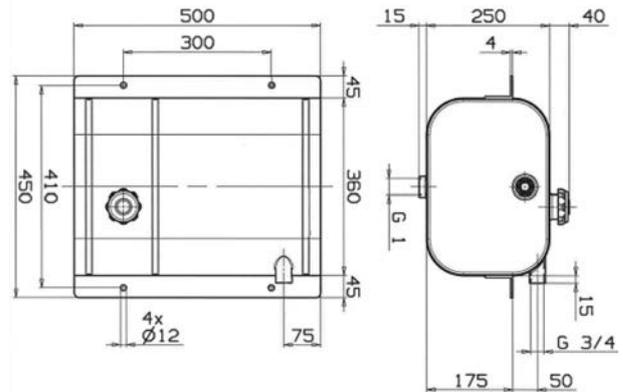
PB3310

OIL TANKS

Steel tank painted grey epoxy powder (Ral 7021). Equipped with: filler cap, breather cap and oil level warning

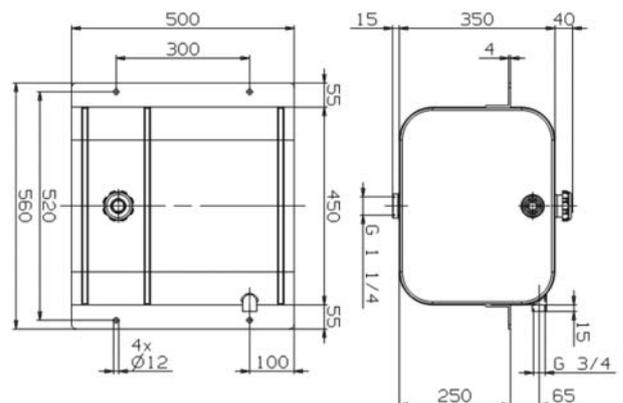
PART NO. 135 500 00401

TANK CAPACITY: 40 Ltrs



PART NO. 135 500 00652

TANK CAPACITY: 60 Ltrs



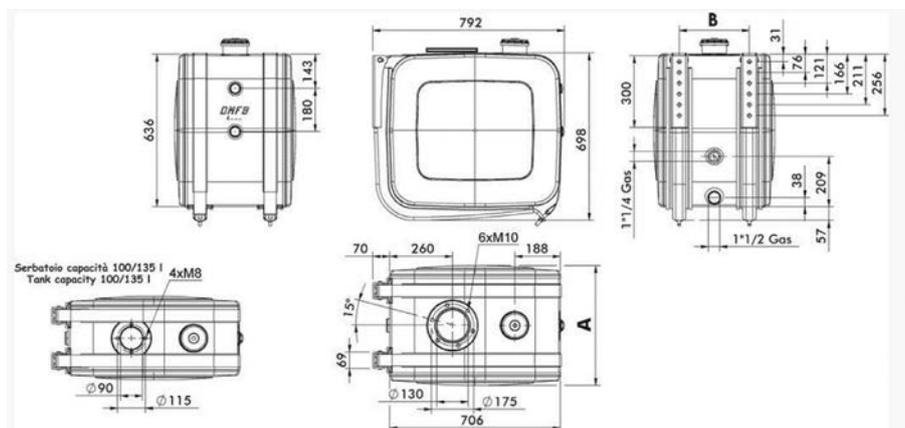
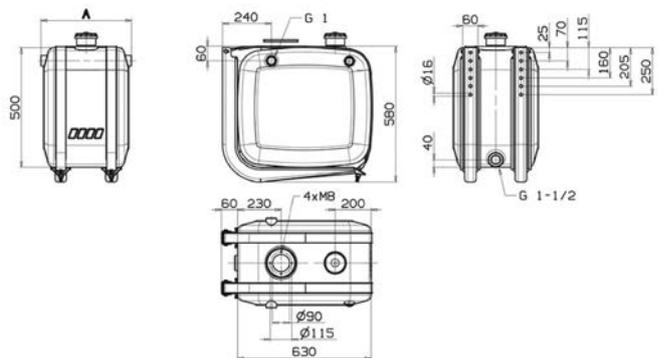
SIDE MOUNT OIL TANKS

Based on the latest technology, these tanks are produced to ensure maximum reliability and longer lifetime as well as an exterior aspect that can be perfectly integrated. They are painted with a grey epoxy powder (RAL 7021). They are supplied completed with support brackets, Inox bands and rubber protections, filler cap and breather with replaceable air filter, oil level gauge and flange for filter options. High versatility is granted by a wide choice of available accessories. The blank flange is included in the standard equipment.

PART NO. 135 600 11005

USEFUL LTRS: 100

DIMENSION A: 400mm



PART NO. 135 610 01354

USEFUL LTRS: 135

DIMENSION A: 350mm

DIMENSION B: 190mm

PART NO. 135 610 01701

USEFUL LTRS: 170

DIMENSION A: 450mm

DIMENSION B: 280mm

PART NO. 135 610 01505

USEFUL LTRS: 150

DIMENSION A: 400mm

DIMENSION B: 260mm

PART NO. 135 610 02004

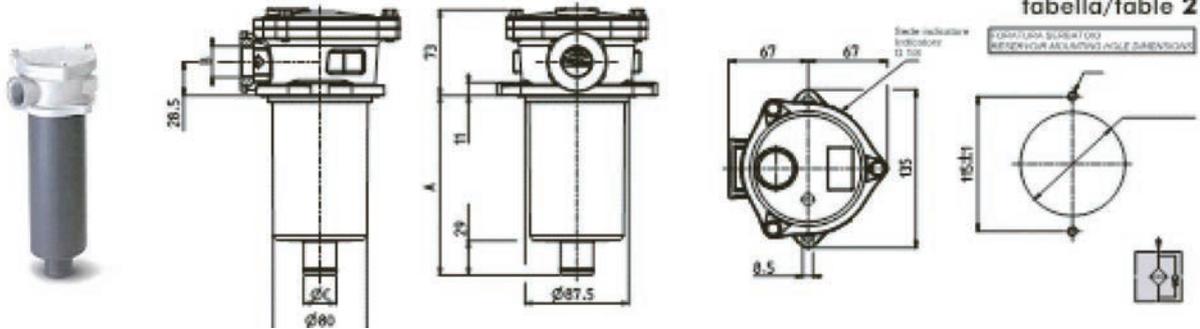
USEFUL LTRS: 200

DIMENSION A: 500mm

DIMENSION B: 290mm

FLANGIBLE FILTER

These filters are for installation on the return line. Semi-submerged in the tank. All filters are complete with a by-pass valve.



PART NO. 118 001 02454

Wheel base: 115

Filter: Reinforced Cellulose 25mm

β : $\beta^{25}>2$

Displacement: 175

A: 312

B: G1 ¼

C: 40

Cartridge: 118 - 002 - 02453

FILTER SUITS: 135 600 11005 & 135 610 01354

Operating temperature

With Buna Seals: -30 ÷ 90° C

Fluid compatibility conforming to ISO 2943 (norm ISO 6743/4)

Oil Mineral with Buna Seals HH - HL - HM - HR - HV - HG

Water Emulsions with Buna Seals HFAE - HFAS

Pressure

Working Pressure 8 bar

Testing Pressure 12 bar

Burst Pressure 16 bar

Element Collapse Pressure Rating (confronting to ISO 2941) 10 bar

By Pass valve

By-Pass Setting 1,7 bar

FILLER CAP

Already included with the tank. Only for spare part.

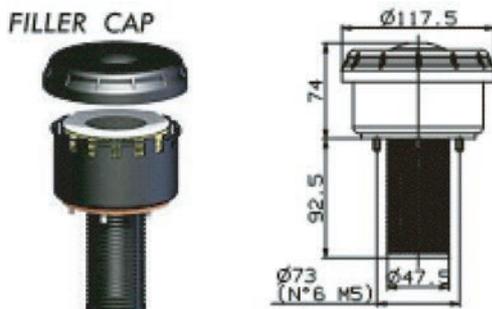
Filler cap complete with paper filter to ensure a proper filtration on the air coming into the tank

PART NO. 118 013 00103

AIR DISPLACEMENT: 1000

FILTER: 10

FILTER ELEMENTS: Paper



MOUNTING FLANGE

Mounting flange for tipping valves option.

PART NO. 121 994 00226

Modular 150 A.L. - (60 x 60 M8)

Modular 250 - (64, 5 x 108 M8)

Modular 150 A.L. - (60 x 60 M8)

Modular 250 - (64, 5 x 1 M8)

Suits: 135 600 11005 & 135 610 01354

CONSISTS OF:

- 4 Screw TCE M8
- 1 Aluminum Plate
- 1 Gasket

