

GENERAL DESCRIPTION

The Hydraulic Box Tipping Trailer has a generous load area of 3000x1800 and a maximum payload capacity of approximately 2550kg (max ATM of 3400kg and a TARE of 850kg). Tipping is achieved using a 6-stage telescopic hydraulic cylinder which is pressurized by a 12V hydraulic power pack located in a drawbar-mounted toolbox. The trailer has a tipping angle of 45 degrees using a 1m stroke hydraulic cylinder but greater tipping angles can be achieved using a longer ram. The rear tailgate hinges from above, allowing for easy dumping of load. This trailer requires brakes on all wheels as well as an emergency brake unit (Break-Away switch). We also recommend the use of an efficient handbrake.

SPECIFICATIONS

Type:	3400kg Hydraulic Tipping Box Trailer
Bed Size:	3000x1800x600mm (10x6x2ft) (LxWxH)
Overall Size:	4885x2320x1262mm (16x7'6"x4ft)
Tipping Angle:	45° @ 1m stroke
Height at 45°:	3000
Max ATM:	3400kg (weight of trailer + max load)
TARE:	approximately 850kg (weight of trailer empty)
Construction:	RHS (various sections)
Suspension:	Tandem Beam Axle & Leaf Springs
Contents:	15 part & assembly drawings, 13 page assembly guide, DXF files, pictures
File Size:	15.8MB (.zip)



FEATURES OF THIS PLAN

- ✓ 6 stage hydraulic cylinder and 12V power pack
- ✓ Top-swing tailgate (great for tipping)
- ✓ Supplier info for hydraulic system
- ✓ Suspension installation guide
- ✓ Electrical Wiring Diagram
- ✓ All METRIC dimensions (mm only)
- ✓ Manufacturing & assembly guide
- ✓ Ready-to-go DXF file for components that can be laser cut

