

## WASTE BIN TIPPER

### SINGLE PILLAR 120 LITRE WASTE BIN TIPPER

BTM/300/1250/B

### WASTE BIN TIPPER DESCRIPTION

The waste bin tipper is a single pillar tipper that is designed to lift and tip a 120 Litre Waste Bin at a discharge height of 1250mm. The waste bin tipper is constructed from Grade 304 stainless steel, is fully TIG welded throughout and will operate on a 'dead mans handle' principle. Lifting with the waste bin tipper is achieved by a  $\frac{3}{4}$ " Simplex chain driven by a motor gearbox mounted at the top of the main column. The waste bin tipper is designed to be bolted to the floor.



Single Pillar 120 Litre Wheelie Bin Tipper

## WASTE BIN TIPPER SPECIFICATION

DESCRIPTION	SINGLE PILLAR 120 LITRE WASTE BIN TIPPER
MODEL No.	BTM/300/1250/B
CAPACITY	300Kgs
TIPPING HEIGHT	1250mm
TIPPING ANGLE	130 DEGREES
OVERALL HEIGHT	2470mm
MACHINE HANDING	LEFT OR RIGHT HAND AVAILABLE
MAXIMUM HEADROOM	TO BE CONFIRMED
TIPPING CHUTE	OPTIONAL
CONTAINER DESCRIPTION	120 LITRE WASTE BIN
BASE ARRANGEMENT	COLUMN BASE PLATE BOLTED TO THE FLOOR
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65
LIMIT SWITCHES	ADJUSTABLE ROD
MOTOR DETAIL	0.55kW, 415V, 3 PHASE, 50 CYCLE
MOTOR BRAKE	415V SEPARATELY EXCITED
GEARBOX DETAIL	SEW EURODRIVE
OUTPUT R.P.M.	28 R.P.M.
RATIO	50:1
LOAD/TENSION CHAIN	¾" SIMPLEX DELTA Z
TENSILE STRENGTH	3000Kgs
LIFT SPEED	6.4 METERS/MINUTE

## WASTE BIN TIPPER APPLICATION STORY

This waste bin tipper was manufactured to be installed at a Water Treatment Works to prevent the Manual Handling Risks associated with operators having to lift and discharge the 120 Litre waste bins into a skip manually. This was a two man job which still contravened normal handling good practises and became a one man job without any risk of injury once the waste bin tipper was installed.

