

POWERFAB

LIMITED



The Better British Excavator...

HY-TIP



ENGINE

Twin cylinder, four stroke overhead valve petrol engine for exceptionally smooth and quiet operation.

Model : Briggs & Stratton 303400 16HP.

Capacity : 480cc

Bore/Stroke: 68 x 66mm

Net continuous power: 16HP @ 3600 RPM

Net continuous torque: 35 ft. lbs @ 2500 RPM

Battery: 12 volt 45Ah.

HYDRAULICS

A twin pump supplies power to a composite valve featuring precise proportional flow for smooth and progressive control, in line flow control automatically restricts velocities to minimise shock and spillage. Hydraulic circuits divided to optimise power and smooth operation. Filtered flow and return with replaceable cartridge on main flow. Hydraulic oil cooler with turbo air flow for reliable continuous operation even in high temperatures and for safe use of hydraulic accessories.

Hydraulic pump outputs: 21.6 LPM 1 pump,
28.8 LPM 1 pump

Main relief valve setting: 200 Bar.

HPTO relief valve setting: 200 Bar. Max flow 21.6 LPM.

Hydraulic motors: Travel, two high torque axial piston with counter balance valve.

Cylinders 1 off: Tipping 2.375" diameter 15" stroke.

TRACK DRIVE

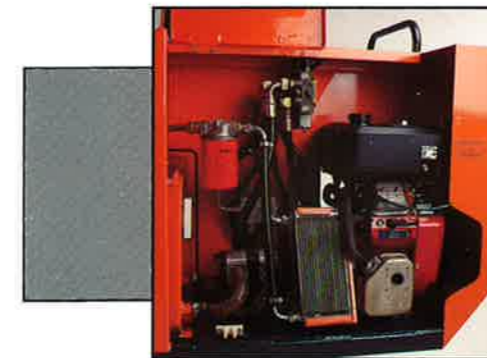
Independent hydrostatic drive to each reinforced rubber track by high torque motors transferring power through hardened cast steel sprockets. Independent levers and hydraulic circuits permit accurate positioning of machine. 3 speed circuit for optimal transit speed.

Travel speed (forward and reverse) : 5 Km/H.

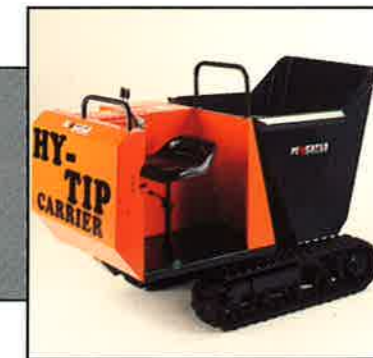
CONSTRUCTION

Very high specification all steel construction for long life in continuous heavy duty situations. Fully protected ram. Mounted on fabricated heavy duty chassis track frames fitted with 3 lubricated bottom rollers, mechanical track tensioning, and Rocoil shock absorbers.

TIPS AT 1.32M PERMITTING DISCHARGE INTO STANDARD TIP



FULLY OPENING CANOPY FOR ENGINE AND HYDRAULIC PUMP ACCESS



ROTATING DRIVERS SEAT WHICH EASES USE ON RESTRICTED ACCESS SITES AND LOW GROUND PRESSURE WHICH MINIMISES SURFACE DAMAGE.

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GENERAL SPECIFICATION

Dimensions: mm (inch)

Mass:

Operating: 0.84 tonnes.

Capacity:

1 cubic metre (1 tonnes).

Dump ht:

1.32m.

HPTO:

Body mounted hydraulic power take off
with self seal quick release couplings console mounted
on/off control.

Gradeability:

58% (30°)

Noise:

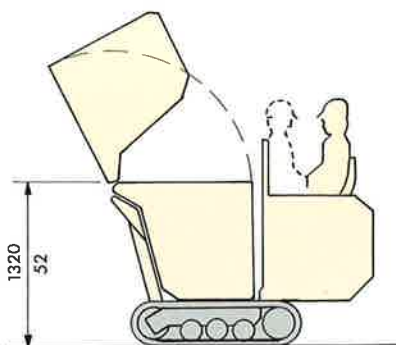
LWA 103 & LPA 81

Tracks:

200mm wide steel reinforced heavy duty continuous
rubber.

Ground pressure:

0.46 Kgf/cm sq.



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Due to our policy of continual improvement, we reserve the right
to amend the design or specification without prior notice. Patents Pending.
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DEALER:

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