INTRODUCING

The King of Micro Excavators

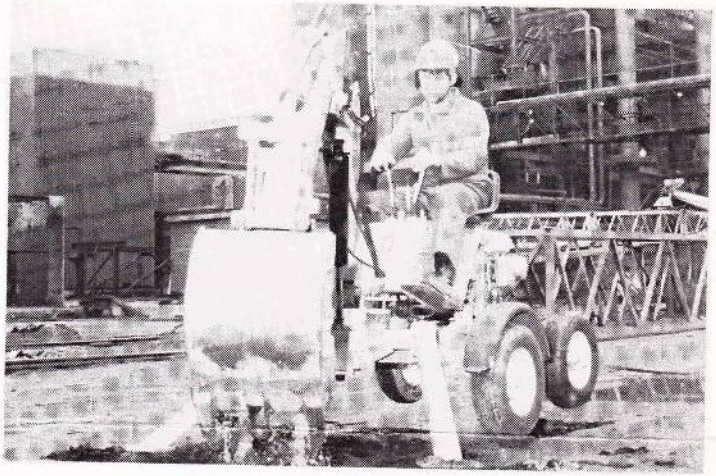
TERMITE

TERMITE IS COST EFFECTIVE PLANTWISE. IT CAN HANDLE JOBS THAT OTHERWISE TIE UP BIGGER AND MORE EXPENSIVE PLANT.

The TJ TERMITE can be towed by an ordinary saloon car as per current U.K. regulations. It is fitted with integral road wheels and tow hitch. When operating on site, the drawbar is detached and stowed inside chassis. The road wheels can be left in place for most jobs, but are readily detachable when working in confined spaces. The road wheels are interchangeable with the working wheels and avoids the need to carry a spare in case of puncture.

TRANSPORTABILITY

The TJ TERMITE has a dig depth of 1.7m, with a reach of 2.90m and a load over height of 1.93m and can slew through 130 degrees. An overall length with arms retracted of 3.30m. A minimum width (stabilisers retracted) of 0.75m and with stabilisers extended the width increases to 1.80m maximum. The operating weight is 500kgs with a bucket breakout force of 1800kg. The stabilisers are designed to give easy adjustment for working, storage or transportation and have a nine position adjustment to suit the application or accommodate space restrictions.



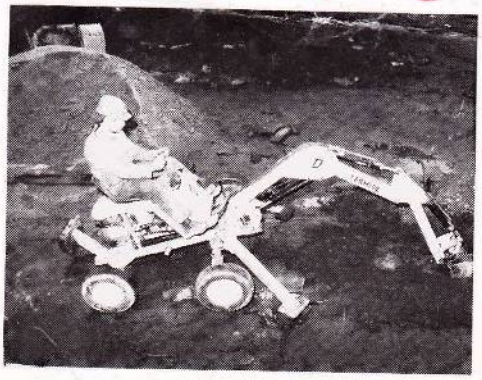
FORWARD MOVEMENT

1. Raise rear stabiliser
2. Dipper Out
3. Boom Down (front stabilisers clear)
4. Dipper In

REVERSE MOVEMENT

1. Raise rear stabiliser
2. Dipper In
3. Boom Down (front stabilisers clear)
4. Dipper Out

cable laying — VERS



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TERMITE IS COST EFFECTIVE LABOURWISE. IT WILL HANDLE TRADITIONAL LABOUR INTENSIVE PICK AND SHOVEL JOBS.

When detached from the towing vehicle the TERMITE can easily be manoeuvred by hand and by simply removing the road wheels and quickly adjusting the working wheels, the TERMITE can negotiate openings of 0.75 and gain access to areas which are prohibitive to larger excavators. This manoeuvrability ensures tasks which were highly labour intensive, can be carried out in a cost effective manner. Therefore saving time and money.

MANOEUVRABILITY

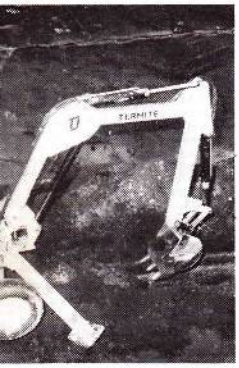
USED BY:

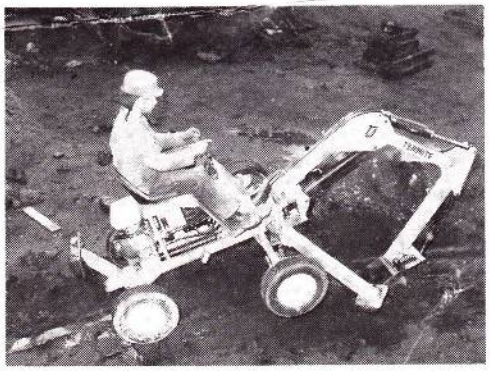
BUILDERS
D.I.Y.
ELECTRICIANS
FARMERS
GAS-FITTERS
G.P.O.
GREENKEEPERS
LANDSCAPE GARDENERS
PLUMBERS

USED FOR:

CABLE AND PIPE LAYING
DRAINAGE
EXCAVATION
FOUNDATIONS
GRAVE DIGGING
IRRIGATION
KERBING
LANDSCAPING

ATILITY — drainage





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FEATURES

The TJ TERMITE is a low cost, small, powerful, hydraulically operated excavator with:

1. An economical worldwide available and accepted 5.25Kw (7hp) petrol engine.
2. A simple hydraulic system with sufficient capacity to work all day without overheating. A small gear pump supplies oil to five identical hydraulic cylinders, controlled by a dual axis joy stick control valve in the accepted excavator manner.
3. Standardisation of replaceable bushes and hardened pivot and fulcrum pins.

TECHNICAL DETAILS

ENGINE

Make.....Honda
Model.....G300
Max Power.....5.25Kw (7hp) @ 3600 rpm. (SAEJ67A)
Fuel Capacity.....6 litres
Specific Consumption.....285 gm/hp/hr
Oil Capacity.....1.20 litres
Ignition.....Magneto
N.B. — Engine is fitted with 'oil alert' system which causes shutdown if unit is operated with dangerously low level oil.

HYDRAULICS

Pump:— Gear Type Output 20.0 L/min @ 3600 rpm

Control Valve:— Five Section monobloc spool valve with dual axis controls for digging function on four sections R.H. lever — dipper and bucket L.H. lever — boom/slew. The 5th section has a separate lever and is used to extend and retract the rear stabiliser.

Tank:— Capacity 16 litres with oil level gauge, combined filler/breather.

Filtration:— Suction strainer on supply line with replaceable 20 micron element on return line.

Cylinders:— Five cylinders interchangeable for boom, dipper, bucket, slew and rear stabiliser bore — 63.5mm piston rod — 30.0 mm stroke 330mm.

Pressure:— 140 bar

Oil:— SAE 10

FABRICATIONS

Pins & Bushes:— All pins are hardened, pivot points are bushed and fitted with grease points.

Bucket:— The standard bucket is 300mm wide and is complete with cutting edge, sidecutters and teeth.

OPTIONS AND ATTACHMENTS

Buckets — backhoe — width 180mm
300mm (std)
400mm
500mm
all with cutting edges, sidecutters and teeth

Loading — width.....500mm
700mm (light material)

special purpose — ditching backfilling

Booms/Dippers:— Special purpose booms and dippers are available to allow digging depths down to 30 metres. N.B. — A special deep dig, bucket 200mm wide is necessary to obtain this dig depth.

Engine:— Other makes of engine can be supplied to suit local preferances. The TERMITE can also be fitted with diesel engines up to 7.5Kw (10hp). Electric motors can be fitted to allow work to be carried out in enclosed or noise restricted areas.

Hydraulic Option:— On units with engines of 7.5Kw (10hp) a power takeoff (Hydraulic quick connect coupling) is supplied to enable many hydraulic attachments to be used e.g. Hydraulic breaker (road drill). Hydraulic chain saw. Hydraulic post borer. Hydraulic cutoff saw.

Driver Protection (Climatic):— A folding canvas canopy is available.

General: If it can be foreseen that a greater overall width would be no handicap, the unit can be supplied with a wide track axle (working wheels) which will further improve stability when manoeuvering on rough ground. Rubber pads are available for fitting to the stabilisers to allow the unit to be used on hard surfaces, thus preventing damage to those surfaces.

T. J. PRODUCTS CO. LTD.

Designed & Manufactured in Scotland to the highest engineering standards.

Unit 5, Castlehill Industrial Estate, Carluke ML8 5BN,
Lanarkshire, Scotland.

Telephone: Carluke (0555) 72136. **Telex: 311228 (INTHYD G)**

T. J. PRODUCTS reserve the right to change specification and prices without notice.

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