

# Takeuchi

## Introduces the New

# Job TB-1400

## Compact Crawler

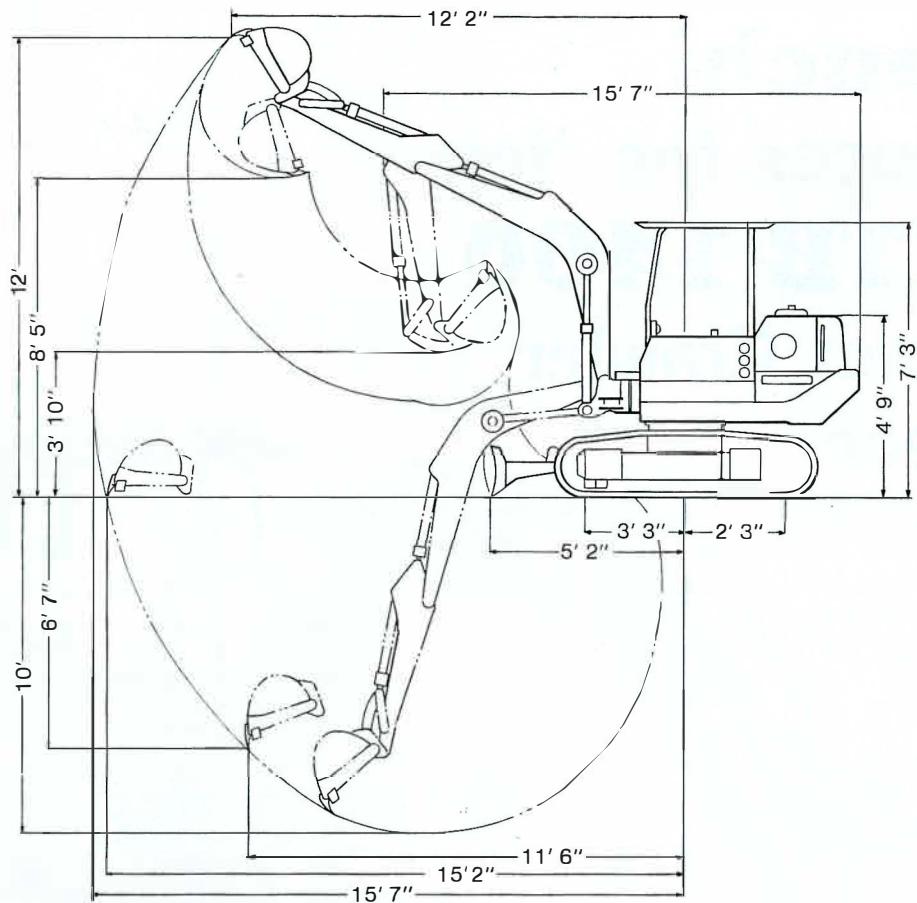
## Backhoe



The TB-1400 is fully hydraulic and equipped with Isuzu Engine, 3ABI-07 which is very quiet, efficient and economical in fuel consumption.

TB-1400 can work as well as TB-1200 AL in restricted areas. Simple lever operation enables you to control the machine easily. As an added feature, it is equipped with a dozer blade which can also be used as an outrigger, to provide additional stability when working under difficult conditions.

You have the option of various sizes of buckets to meet the needs of the specific job.



## TAKEUCHI TB-1400 SPECIFICATIONS

### DIMENSIONS

Overall weight .....	3310kg
(complete machine operating weight)	
Overall height (transport position) .....	2220mm
Overall length (transport position) .....	4750mm
Overall width .....	1675mm
Clearance between axles and ground ...	330mm
Dozer blade (width x height) .....	1600mm x 400mm

### BUCKET

Standard bucket .....	520mm-0.14m <sup>3</sup>
Optional bucket .....	390mm-0.10 <sup>3</sup>
	480mm-0.12 <sup>3</sup>
	570mm-0.16 <sup>3</sup>

### WORKING PERFORMANCES

Maximum digging depth .....	3000mm
Brake-out force (at bucket tooth) ....	2100kg/cm <sup>2</sup>
(at stick boom) ....	1250kg/cm <sup>2</sup>
Highest point at maximum extension ...	3665mm
Maximum clearance height of dumping ...	2565mm
Maximum digging radius from main body center .....	4640mm
Dozer blade earth moving capacity .....	0.41m <sup>3</sup>
Dozer blade maximum lifting clearance ....	350mm
Dozer blade maximum lowering clearance ..	180mm

### OPERATION RANGES

Ground pressure .....	0.2892kg/cm <sup>2</sup>
Travel speed .....	1.69km/h
Gradeability .....	30°
Traction force .....	2900kg
Boom swing (both to left and right) .....	50°
Upper machine rotation .....	360°
Upper machine rotation speed .....	11 r.p.m.

In accordance with our established policy of constant improvement, we reserve the right to amend these specifications at any time without notice.

### HYDRAULIC UNIT

Maximum hydraulic pressure .....	170kg/cm <sup>2</sup> (2414psi)
(dozer blade) .....	130kg/cm <sup>2</sup> (1846psi)
Number of hydraulic pumps .....	3
Hydraulic pump .....	Gear pump
Hydraulic pump discharge capacity .....	pump 1 & 2 ... 33.6L(8.9 gal.) pump 3 .... 17.6L (4.7 gal.)
Hydraulic tank capacity .....	125L 33 gal.
First pump drives	Rotation, right crawler, bucket
Second pump drives	Boom, stick boom, left crawler, boom swing
Third pump drives	Dozer blade

### ENGINE

Make and model .....	ISUZU, 3ABI
Total displacement .....	1777cc
Rated output .....	28hp/2000r.p.m.
Maximum torque .....	10.5kg-m/2000r.p.m.
Compression ratio .....	20
Cylinder bore x stroke	86mm x 102mm
Number of cylinders .....	3
Fuel consumption .....	210g/ps-h
Fuel tank capacity .....	38L

### Distributor

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