

M-25U

*ZERO TAIL
MINIEXCAVATOR*



PROPORTIONAL SERVO-CONTROLLED
ROLLERS ON THE JOY-STICKS
FOR THE BOOM SWING AND THE
SINGLE AND DOUBLE EFFECT P.T.O.



FEATURES

- Design with the tail always remaining within the width of the tracks (**Zero Tail Swing**).
- **Fully servo-controlled machine.**
- Straight travel contemporary with all arms/bucket manoeuvring.
- Rollers and idler wheels with rolling bushing. Gear motors with automatic change "AutoTwoSpeed" according to drive, from high to slow travelling speed.

STANDARD EQUIPMENT: Canopy/Cab according to TOPS-FOPS norms - Standard bucket of mm 450 (SAE capacity lt. 64) - Hydraulic Power Take-Off (**P.T.O.**) - Digging arm of 1200 mm.

OPTIONAL EQUIPMENT: Buckets of mm 250, 350, 450, 500 standard, for rocks and for Quick Hitches - Buckets for slopes standard or swivelling - Buckets for cleaning - Mechanical or hydraulic Quick Hitches - Hydraulic breaker - Hydraulic drill - Grass-bush cutter - Steel tracks - Auto Idler - Electronic Accelerator Digging arm of 1500 mm, extra ballast compulsory.

TECHNICAL DATA

ENGINE:

- Make and model		Kubota D1105-E3B
- Max power at 3000 rpm (DIN 6271)	HP/Kw	24.8 / 18.5
- Rated horse power at 2500 rpm	HP/Kw	24 / 18
- Cylinders	N°	3
- Displacement	cm ³	1123
- Cooling		water
- Battery	N°	1 - 12 V - 60 Ah

UNDERCARRIAGE:

- Box section steel frame		
- Track type and width	mm	rubber 300
- Track bearing rollers	N°	3+3 low/1+1 up
- Track tensioning		grease
- Dozer blade	mm	300 x 1570

TECHNICAL DATA

HYDRAULIC SYSTEM:

- Hydrostatic transmission with orbital motors and planetary reduction gears with negative brakes.
- Driving counter-balance valves.
- N.2 variable displacement piston pumps + gear pump
- Total delivery
- Auxiliary hydraulic flow for **P.T.O.**
- Max working pressure
- Slew speed
- Boom, arm, bucket and slew actuated by servo-controlled joysticks.
- Proportional servo-controlled rollers on the joy-sticks for the boom swing and the single and double effect **P.T.O.** Levers to control track and dozer blade;
- Heat exchanger for oil cooling.

PERFORMANCES:

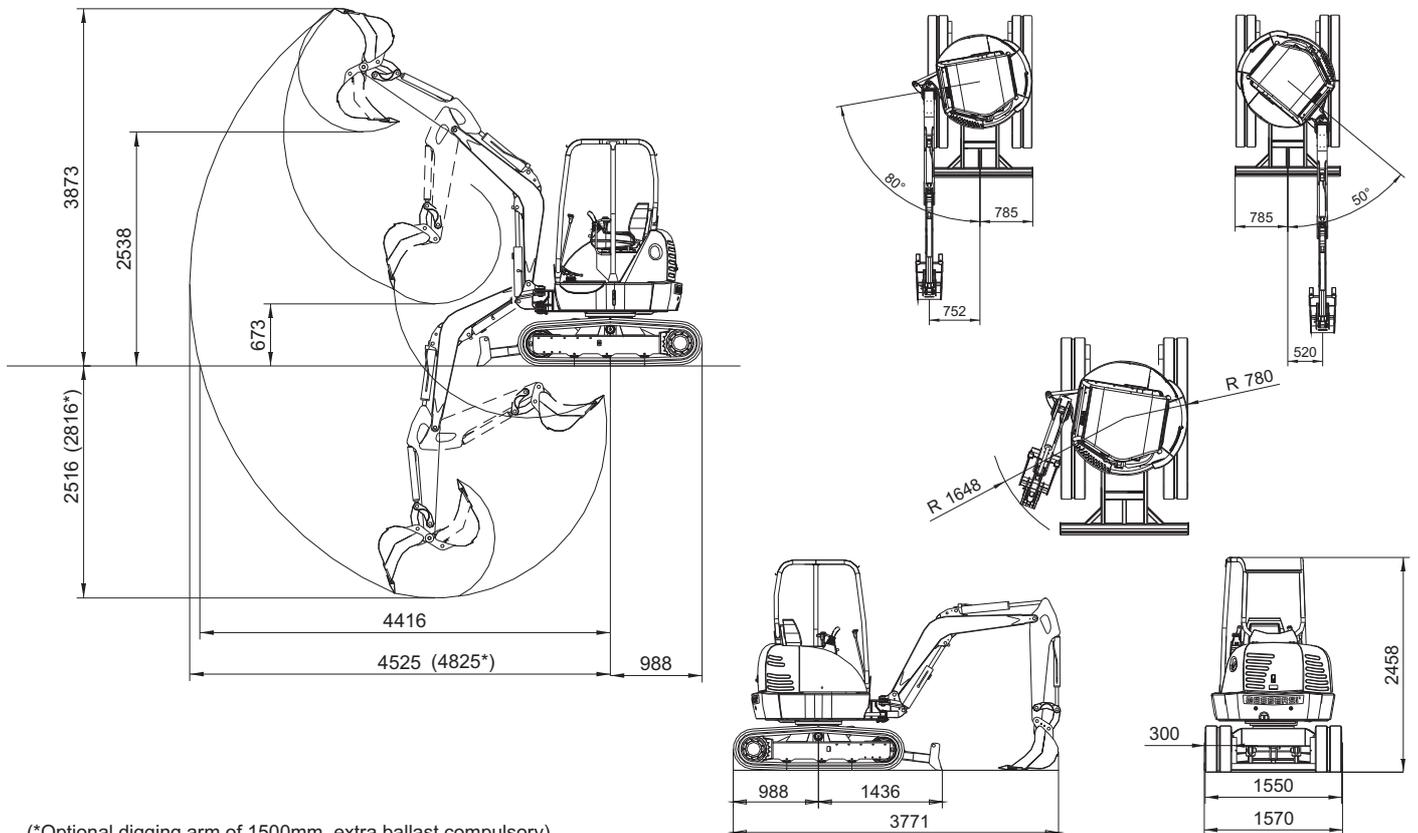
- Shipping weight with canopy / cab	Kg	2550 / 2660
- Operating weight with canopy / cab	Kg	2625 / 2725
- Break out force	daN	1950
- Digging force	daN	1350
- Travel speed	Km/h	2.3 / 4.0
- Max gradient capability	more than %	100
- Specific ground pressure	Kg/cm ²	0.26

REFUELLING:

- Fuel tank capacity	lt	30
- Hydraulic oil tank capacity	lt	28

DIMENSIONS AND PERFORMANCES

Dimensions in mm



(*Optional digging arm of 1500mm, extra ballast compulsory)

Data, features and pictures are not binding and may be altered without any notice.



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