

ZERO TAIL SWING



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MINIEXCAVATOR

**M-16U**

 **MESSERSISI** S.p.A.  
IL GIGANTE BLU

Azienda certificata



## FEATURES

- Innovative design with the tail always remaining within the width of the tracks (**Zero Tail Swing**).
- Variable track width (**retracted crawler width of 990 mm.**) provides easy access to very small job sites.
- Suspension and adjustable operator's seat increases productivity by providing optimum comfort. Also tilting to allow easy maintenance of the main components.
- Travel levers and servo-controls disabling system by armrest lifting prevents accidents due to unexpected machine movement during entry or exit.
- Extraordinary manoeuvrability due to the use of pilot assisted controls (joy-sticks) to operate arms and buckets.
- The round shape design recalls the other models of the range, thus creating a continuity of style and image.

**STANDARD EQUIPMENT:** Canopy according to TOPS-FOPS norms - Standard bucket of mm 400 (SAE capacity lt. 36) - 2-speeds travel electric switch - Oil recovering system on dipstick arm - 1000 mm. Long dipstick - Variable track width retractable to 990 mm - Hydraulic Power Take-Off (**P.T.O.**) - Operator's and spare parts manuals.

**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 - Hand breaker - Hydraulic drill/rig.

## TECHNICAL DATA

### ENGINE:

- Make and model		Kubota D902
- Max power at 3200 rpm (DIN 6271)	HP/Kw	20.6/15.4
- Rated horse power at 2400 rpm	HP/Kw	19/14
- Cylinders	N°	3
- Displacement	cm <sup>3</sup>	898
- Cooling		water
- Battery	N°	1 - 12 V - 44 Ah

## TECHNICAL DATA

### HYDRAULIC SYSTEM:

- Hydrostatic transmission with orbital motors and planetary reduction gears with negative brakes.
- Traveling counter-balance valves.
- N.2 variable displacement piston pump + 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.
- Levers to control track and dozer blade; pedals to control boom swing and single and double effect P.T.O.
- Heat exchanger for oil cooling.

### UNDERCARRIAGE:

- Box section steel frame
- Track type and width
- Track bearing rollers
- Track tensioning
- Dozer blade

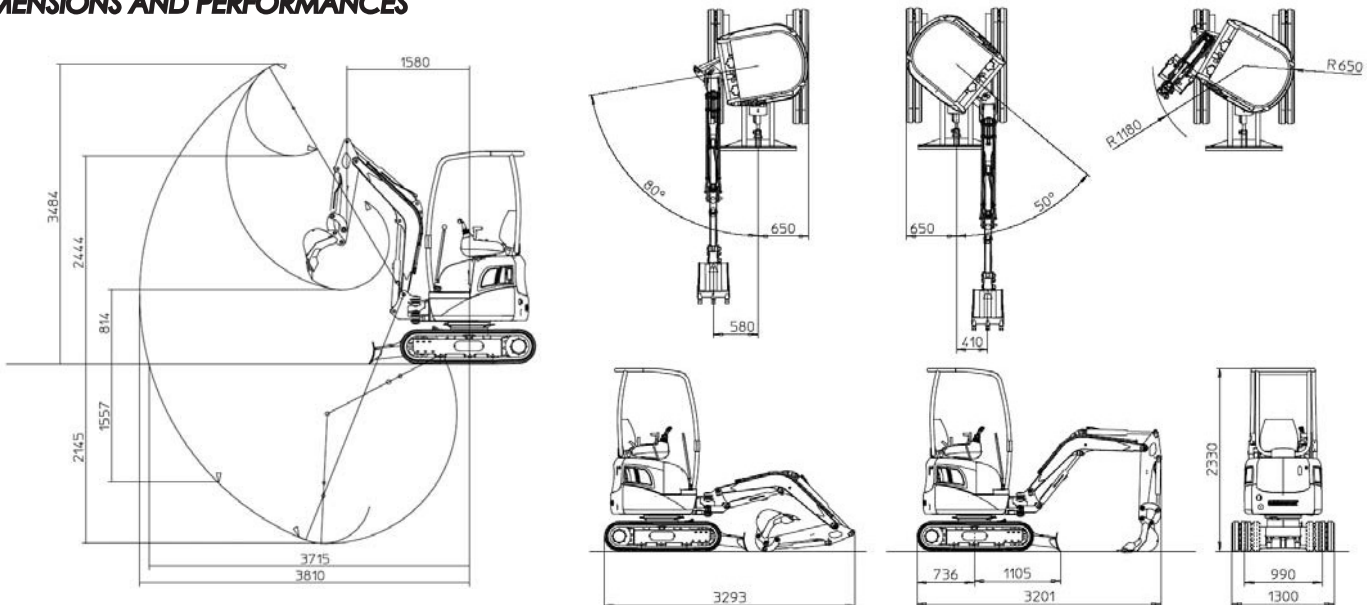
### PERFORMANCES:

- Shipping weight
- Operating weight
- Break out force
- Digging force
- Travel speed
- Max gradient capacity
- Specific ground pressure

### REFUELLING:

- Fuel tank capacity
- Hydraulic oil tank capacity

## DIMENSIONS AND PERFORMANCES



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

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