

Sampierana S.p.A.

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Concrete solutions. Always.

135D

X-tra Reach Demolition

The strength and efficiency of compact demolition

ESP Special Platforms

HOW DOES IT WORK?

- Your applications requirements and details are gathered
- Our tech dept checks feasibility
- You receive a feasibility feedback and a presentation of the proposed solution
- Validation
- Realization

NEED TO CONTACT US?

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The information included in this brochure is of a general nature. Sampierana S.p.A. reserves the right to change technical data and product characteristics at any time, without prior notice. The photographs are for illustrative purposes only and do not necessarily refer to products in standard conditions. For instructions on the correct use of the products, please refer to the user and maintenance manual. Failure to comply with the instructions contained in the use and maintenance manual shall not entail any liability on the part of Sampierana S.p.A. for any damage caused to persons and/or property.



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135D

Operating weight	ton	13.7
Travel speed (AUTO TWO SPEED)	km/h	1° : 0-1.8 / 2° : 0-3.5
Rotation speed	rpm	4.5

ENGINE

Model	YANMAR 4TNV98CT - STAGE 5	
Max power (2.100 rpm)	kW - HP	53.7 - 73.0
Displacement	cc	3319
Number of cylinders	n°	4
Cooling	liquid	
Fuel usage	lt/h	9.3

HYDRAULIC SYSTEM

System type	eHPQ Rexroth system	
Type of pumps	1 electronic pump (EOC) with variable flow rate + 1 gear pump on engine PTO (FAN DRIVE)	
Displacement pumps	cc	100
Pump flow rate	lt/min	192
Max. system calibration pressure	bar	290
Auxiliary system flow rate (max pressure): AUX 1 single or double acting priority AUX 2 double acting	lt/min (bar)	AUX 1 100 (200) AUX 2 70/90 (290)

PERFORMANCES

Maximum height at the pin	mm	12350
Maximum reach at the pivot	mm	10000
Traction force	daN	11020
Ground pressure	kg/cm²	0.45
Maximum equipment weight	kg	600

DIMENSIONS

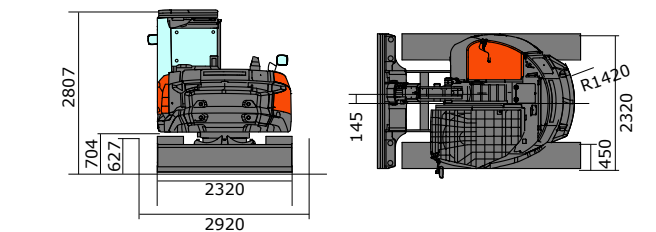
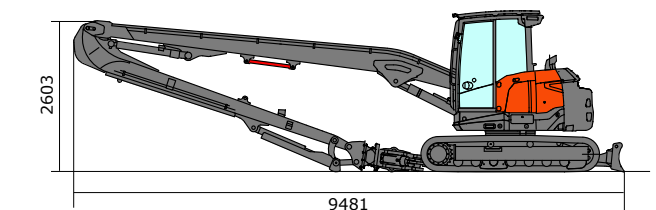
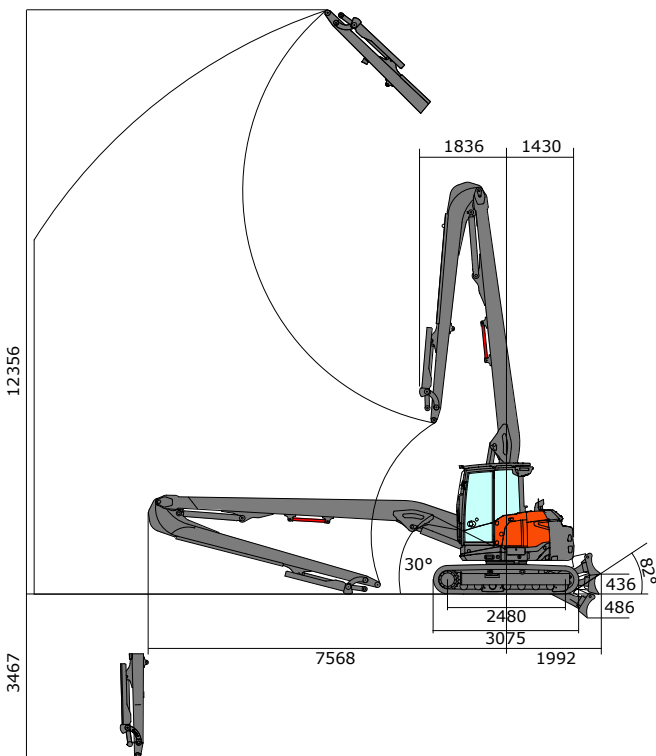
Width (min. - max.)	mm	2320 - 2920
Overall height	mm	2807
Rear Swing Radius	mm	1430
Total transport length	mm	9481
Total height with FOPS level 2 (without)	mm	2807 (2799)
Track width	mm	450
Number of reels (for each side)	n°	7/2

CAPACITIES

Diesel tank	lt	105
Hydraulic oil tank	lt	85
Hydraulic system capacity	lt	135
Cooling system capacity	lt	23
Engine oil	lt	10

CONTROLS

First boom, second boom, tooling and turret rotation	2 joysticks
Track movements (including counter-rotation)	2 CAN-bus electronic levers
Dozer blade	1 CAN-bus electronic joystick
auxiliary system AUX 1	1 CAN-bus electronic roller on right joystick
auxiliary system AUX 2	1 CAN-bus electronic roller on right joystick
auxiliary system AUX 3 (Optional)	1 CAN-bus electronic roller on left joystick
Boom swing	1 CAN-bus electronic roller on left joystick
Two pieces boom	1 CAN-bus electronic roller on right joystick



WELL PROTECTED

Hydraulic piping thanks to the armored guards

CERTIFIED



600 KG

crusher at up to 13 m



EXTENDING UNDERCARRIAGE

2.32 m when closed allows transport and access to tight spaces.

2.92 m when extended for maximum working stability.



THE STRENGTH AND EFFICIENCY OF COMPACT DEMOLITION

It is thanks to its weight (13.5 tonnes), its extendable undercarriage (min width 2.32 m - max 2.92 m) and its boom (13 m) that the 135D can operate in urban areas inaccessible to traditional demolition machines.



30° HYDRAULIC TILTING CAB, DEMOLITION CAMERAS & MAXI DISPLAY

The tilting cab and the video cameras on the booms (with a dedicated 10.4-inch display in the cab) ensure the operator maximum visibility on the work equipment, providing full control and maximum comfort during all phases of operation.