



EUROCOMACH®

MIDI EXCAVATOR

ES
850 ZT

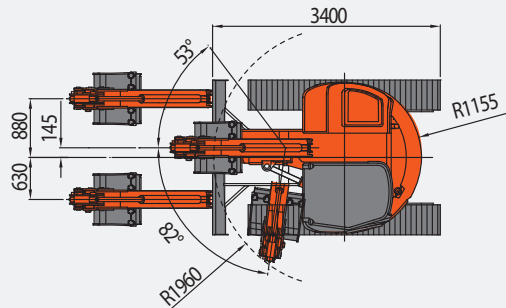
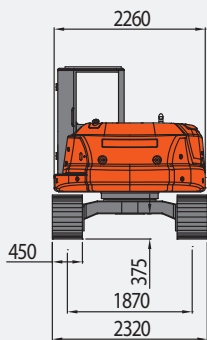
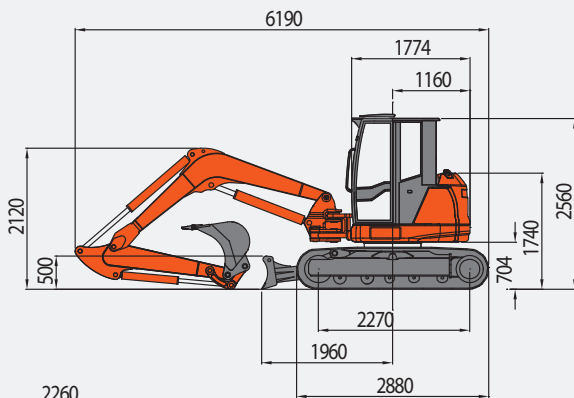
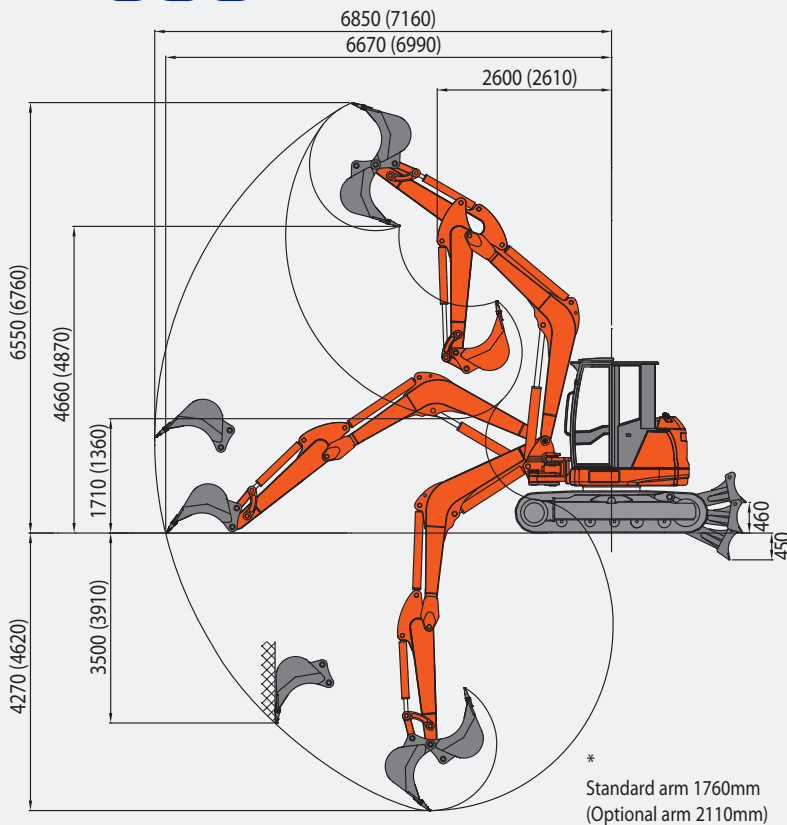
ES
950 TR



YANMAR engine
Engine power
Operating weight

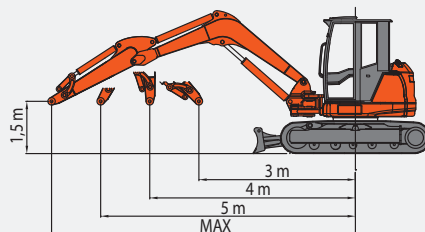
4TNV98
Kw 46,5 - Cv 63.2
Kg 9000-9900

MIDI EXCAVATOR

850 ZT

ES 850 ZT - LIFTING CAPACITY

Opening arm from the rotation's center
Lifting capacity at 1.5 m height

	3	4	5	max
DOZER FRONT END	4495	3045	2350	2085
IDLER CENTER	2810	1760	1310	1000
CRAWLER CENTER	2860	1880	1320	1000


TECHNICAL SPECIFICATIONS

Weight (rubber tracks)	kg	9.000
Weight (steel tracks)	kg	9.320
Travelling speed "Lo - Hi"	km/h	2,6 - 5,2
Slew speed	rpm	12

ENGINE

Type	YANMAR 4TNV98	
Power (2200 rpm)	kw - Hp	46,5 kW - 63.2 Hp
Displacement	cc	3319
Number of cylinders	n°	4
Cooling	water	
Consumption	Lt/h	7,5
Alternator	V (A)	12 (40)
Battery	V (Ah)	12 (100)

HYDRAULIC SYSTEM

Type	LOAD SENSING CLOSED-CENTRE SYSTEM WITH FLOW SHARING VALVES	
Pump type	1 LS VARIABLE PISTON PUMP + 1 GEAR PILOT PUMP	
Pump displacement	cc	84 + 9
Pump capacity	lt/min	185 + 20
Auxiliary system	lt/min	100
Circuit calibration pressure	bar	290 - 200 - 35

PERFORMANCES

Bucket breaking force (standard arm) ISO 6015	kgf	5500
Arm breaking force (standard arm) ISO 6015	kgf	4350
Traction force	Kgf	7960
Ground bearing pressure (rubber tracks)	kg/cm ²	0,43
Max slope	60% - 30°	

DIMENSIONS

Total width	mm	2320
Max dumping height standard arm (optional arm)	mm	4660 (4870)
Total height	mm	2560
Rear rotation radius	mm	1155
Max digging depth standard arm (optional arm)	mm	4270 (4620)
Digging arm length std (optional)	mm	1760 (2110)
Tracks width	mm	450
Rollers number (for each side)	n°	5/1 (rubber track) 6/1 (steel track)

FILLINGS

Fuel tank	lt	105
Hydraulic oil tank	lt	90
Hydraulic circuit capacity	lt	120
Cooling system capacity	lt	25
Engine oil	lt	10

CONTROLS

Bucket, boom, swing, slew	2 Joystick
Travel and steering	2 pilot levers
Dozer blade	1 pilot lever
Auxiliary hydraulics system	Electroproportional switch on right joystick
Boom swing	Electroproportional switch on left joystick

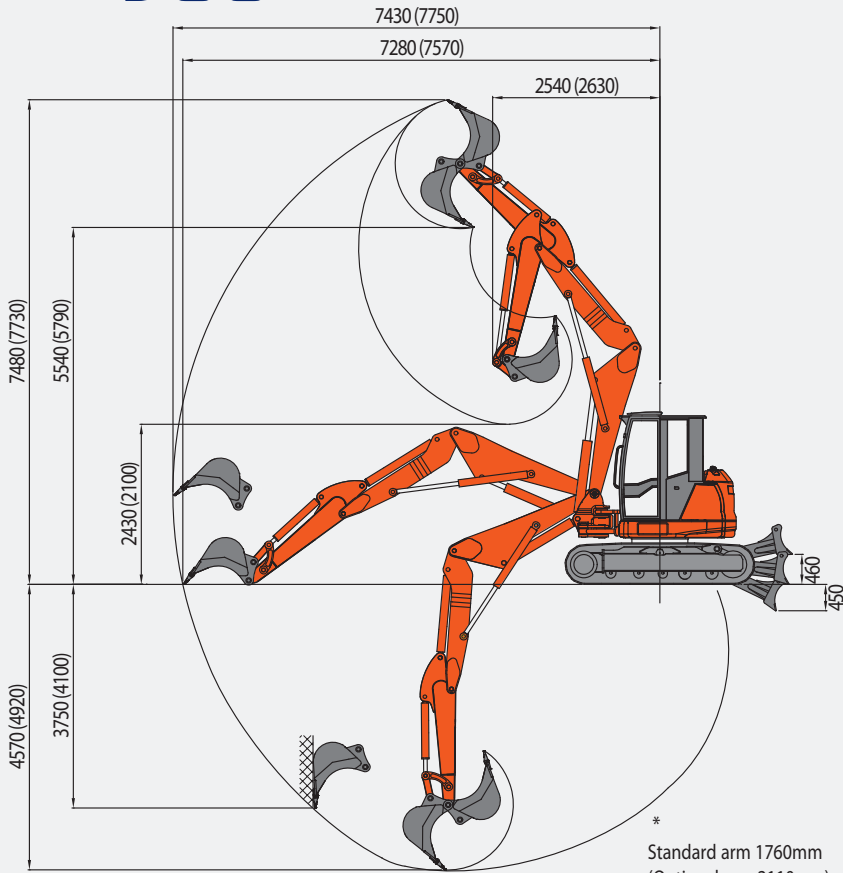
The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



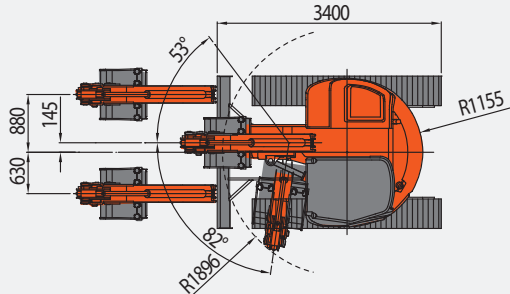
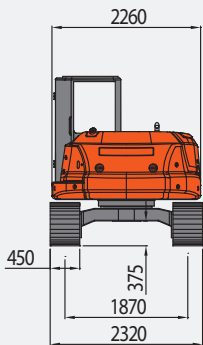
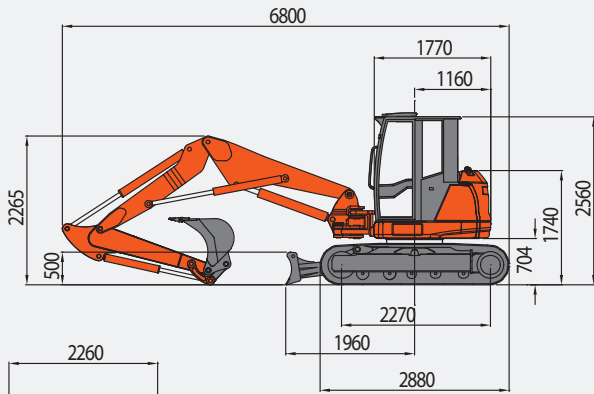
EUROCOMACH®

MIDI EXCAVATOR

ES 950 TR



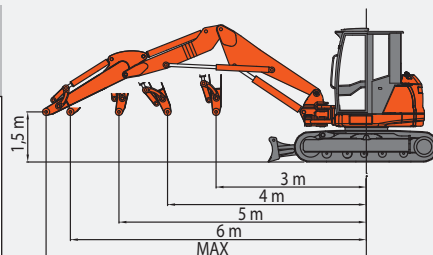
* Standard arm 1760mm
(Optional arm 2110mm)



ES 950 TR - LIFTING CAPACITY

Opening arm from the rotation's center
Lifting capacity at 1.5 m height

	3	4	5	6	max
DOZER FRONT END	4045	2830	2110	1750	1580
IDLER CENTER	2760	1930	1235	1000	920
CRAWLER CENTER	2800	1850	1250	960	840



The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.

TECHNICAL SPECIFICATIONS

Weight (rubber tracks)	kg	9.900
Weight (steel tracks)	kg	10.220
Travelling speed "Lo - Hi"	km/h	2,6 - 5,2
Slew speed	rpm	12

ENGINE

Type	YANMAR 4TNV98	
Power (2200 rpm)	kw - Hp	46,5 kW - 63.2 Hp
Displacement	cc	3319
Number of cylinders	n°	4
Cooling	water	
Consumption	Lt/h	7,5
Alternator	V (A)	12 (40)
Battery	V (Ah)	12 (100)

HYDRAULIC SYSTEM

Type	LOAD SENSING CLOSED-CENTRE SYSTEM WITH FLOW SHARING VALVES	
Pump type	1 LS VARIABLE PISTON PUMP + 1 GEAR PILOT PUMP	
Pump displacement	cc	84 + 9
Pump capacity	lt./min	185 + 20
Auxiliary system	lt./min	100
Circuit calibration pressure	bar	290 - 200 - 35

PERFORMANCES

Bucket breaking force (standard arm) ISO 6015	kgf	5500
Arm breaking force (standard arm) ISO 6015	kgf	4350
Traction force	Kgf	7960
Ground bearing pressure (rubber tracks)	kg/cm²	0,46
Max slope	60% - 30°	

DIMENSIONS

Total width	mm	2320
Max dumping height standard arm (optional arm)	mm	5540 (5790)
Total height	mm	2560
Rear rotation radius	mm	1155
Max digging depth standard arm (optional arm)	mm	4570 (4920)
Digging arm length std (optional)	mm	1760 (2110)
Tracks width	mm	450
Rollers number (for each side)	n°	5/1 (rubber track) 6/1 (steel track)

FILLINGS

Fuel tank	lt	105
Hydraulic oil tank	lt	90
Hydraulic circuit capacity	lt	120
Cooling system capacity	lt	25
Engine oil	lt	10

CONTROLS

Bucket, boom, swing, slew	2 Joystick
Travel and steering	2 pilot levers
Dozer blade	1 pilot lever
Auxiliary hydraulics system	Electroproportional switch on right joystick
Boom swing	Electroproportional switch on left joystick



CONCRETE SOLUTIONS. ALWAYS

STANDARD EQUIPMENTS

- ROPS (ISO 3471) - FOPS (ISO 3449) cabin complete with air conditioning and stereo
- Board computer with multifunctional display (diagnostic, emergencies report)
- Auto idle (automatic deceleration)
- Rubber tracks 450 mm
- Dozer blade width 2320 mm
- Automatic emergency brake on rotation and translation
- Transkation double speed with "AUTO TWO SPEED"
- Digging arm 1760 mm
- Servo-control hydraulic joysticks with proportional electro-hydraulic control to:
swing;
single and double acting hydraulic system (eg. hammer or auger);
- double-acting hydraulic low-flow system (eg. swinging bucket or grapes with rotator); hydraulic system with 100 l/min flow at constant 200 bar for milling and cutting head.
- N°3 rear view mirrors
- Ignition passe (universal key for all the locks of the machine)
- Adjustable seat with rests and seat belts
- Air dry filter with electric indicator of clogging
- Spare parts book, use and maintenance book and tool chest
- Working light on arm and turret
- Cylinders protection (boom and dozer)
- Security valves on 1st and 2nd arm ES950TR
- Electric pump for fuel tank filling
- GEO-SERVICE, satellite tracking and remote diasnostic device

OPTIONAL EQUIPMENTS AND FITTINGS

- Steel tracks with steel or geogrip pads
- Digging arm 2110 mm
- Security valves (on 1st arm, 2nd arm) ES850ZT
- Security valve on bucket
- Working lights and rotating lamp on the cabin
- Mechanic or hydraulic quick coupling for buckets or fittings
- Ditching buckets up to 1000 mm
- Ditching clearing buckets up to 1800 mm (both fixed orr tilting)
- Trapezoidal buckets
- Hydraulic hammer
- Grass cutters
- Milling asphalt machine
- Hydraulic grapples for logs, handling grapples, chrushers
- Drill
- Trenchers
- Certified lifting hook
- Front guard protection on cabin
- Pattern control ISO-SAE
- 450 kg interior extra ballast ES850ZT
- 800 kg exterior extra ballast (rear swing 1300 mm)



**COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV**
UNI EN ISO 9001:2008

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Dealer: