

Concrete solutions. Always.

245R Operating weight 2.160 - 2.290 kg Engine power 14,0 kW - 19,0 HP

2577 Operating weight 2.410 - 2.540 kg Engine power 15,5 kW - 21,0 HP

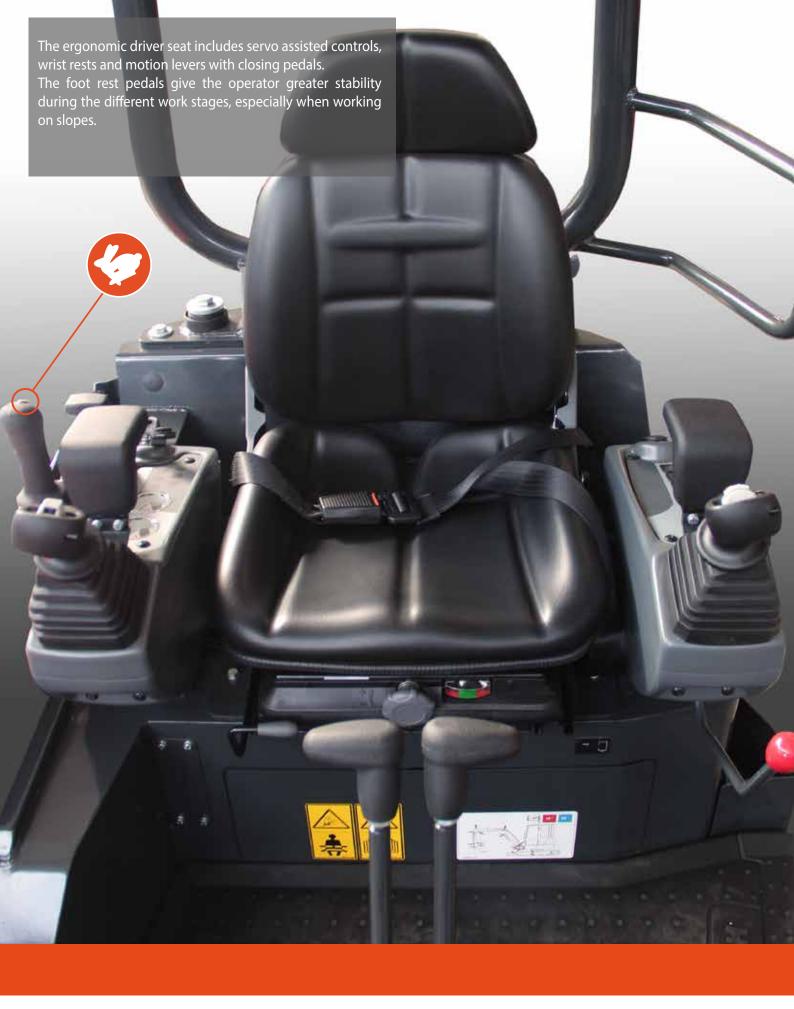
EUROCOMACH



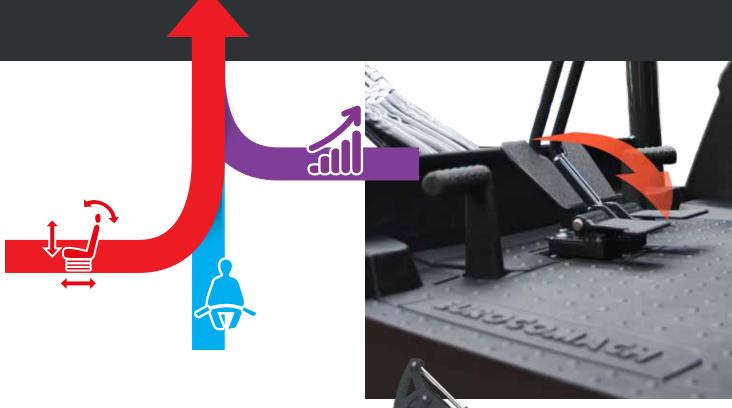
LIKE THE GREATEST, JUST SMALLER.







COMFORT, SAFETY AND FUNCTIONALITY. FINALLY TOGETHER



COMMANDS AND CONTROLS

Both models have two motion modes: first gear with reduced speed and high thrust force and second speed with greater transfer speed. Everything is controlled by a practical button above the backfill blade lever.

Motion can be controlled using the advancement lever and integrated folding pedals that, once closed, increase the space available to the operator and prevent accidental use.

The foot board flush with the door makes for stepless exit from the cab and facilitates floor cleaning operations. It was designed to be able to be removed easily to carry out any inspections or checks.





STRAIGHT TRAVE

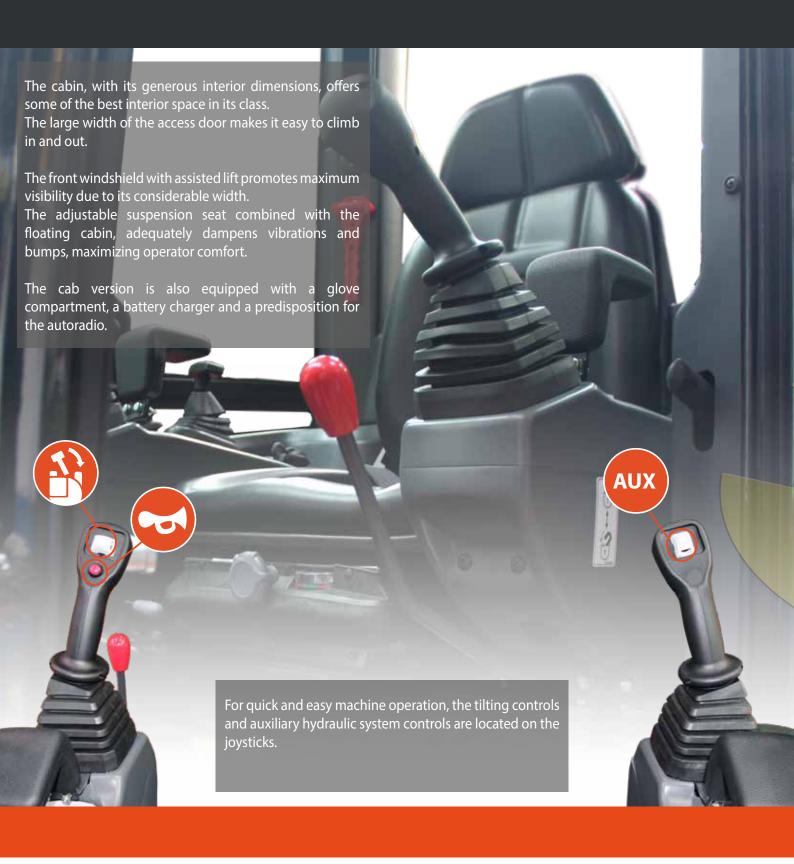
In case of simultaneous control of the services and motion, the hydraulic system with variable displacement pumps simultaneously ensures the fluidity of movements and straight driving of the machine.



AUTO TWO SPEED

When the excavator needs more thrust force, the automatic speed transmission intervenes, reducing the motion ratio.

EVERY CONTROL IS IN YOUR HANDS.



VISIBILITY

The special design of the body and protective structures give the operator a wide field of vision, allowing easy control of the front tracked part.

The large windshield along with the upper rear window lets the operator keep an eye on the entire work area while remaining comfortably seated.







WORK LIGHTS

A powerful light installed on the arm optimizes visibility even with low lighting.



FLEXIBILITY, COMPACTNESS, ERGONOMICS.

The practical additional external ballast (optional) can, when needed, further increase the excellent operating stability without compromising the overall size of the machine.

EFFICIENCY AND CONSUMPTION

The heart of the excavators is the efficient YANMAR 3TNV76 - Stage 5 engine designed and built to optimize performance and reduce fuel consumption.

The long intervals between programmed maintenance contribute to economic efficiency, reducing costs and machine downtime.



SAFETY

Machine safety means operator peace of mind. Sensors monitoring the manipulator position prevent accidental control of the machine. The excavator startup system does not allow ignition when control of the commands is active. Safety belts, the cabin structure and rollbar with FOPS level I and TOPS certificate provide all of the safety needed in the cab in the event of an accident.





OPTIONAL COUNTERWEIGH

TRANSPORT ACCESSIBLE TO ALL.



MAINTENANCE HAS NEVER BEEN SO EASY.









ACCESSIBILITY

The cab can be lifted by simply opening the rear compartment and removing the two mounting screws.

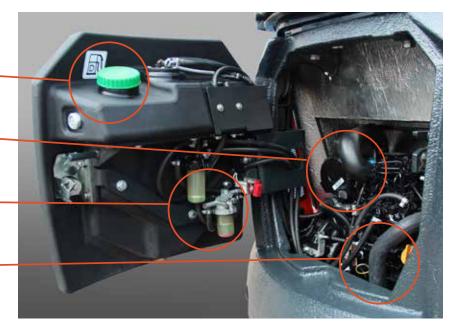
The large gas tank built into the rear compartment allows accessibility and above ordinary routine maintenance. The rear engine compartment offers quick access to all filters on the heat engine (fuel, oil and air) in addition to easy topping up of fuel and motor oil.











The side compartment opens to allow easy checks and cleaning of the heat exchanger and hydraulic oil filter.











All access points for daily checks and for routine maintenance are concentrated in defined areas, optimizing machine downtime.

All elements are easily accessible and located in practical and functional positions.





The location of the cabin aeration filters allow them to be quickly checked and replaced if necessary.







ACCESSIBILITY

Common or dedicated access areas make every maintenance operation quick and easy.





BUILT-IN TANK

The added value in the 24 SR and the 25 ZT is the presence of the fuel tank built into the rear ballast, which makes it unique in its class.

THE IMPORTANCE OF BEING RELIABLE.





ECS: ONE CONCEPT, NUMEROUS POSSIBILITIES.

UTILITIES AND SERVICES

We listen to all your needs so we can propose the best possible machine solution.

We consider our products to be not only simple machines but the best opportunity for our clients.

Among the services provided, the following are available:

Customized paint
Various types of tracks
Auxiliary line hookups customized
by type and quantity
Additional equipment

The many configurations available allow you to make the best choice in relation to the work to be performed.



OPTIONALS.

The wide range of equipment especially designed for Eurocomach mini excavators ensures the most appropriate use of the machine, maximizing performance.

A complete offer of optional fittings ensures the best performances.





Certified and tested lifting hook and blocking valves with CE certification for material handling equipment



Hydraulic system for chopper with additional pump (22 lt/min)



Customized paint



25 ZT		
24 SR		
ENGINE		
Diesel engine, 3 cylinders, displacement 1116 cc, watercooled	•	•
Electric preheater	•	•
Dry air filter with discharge valve and filter clogged indicator	•	•
Double cartridge air filter	•	•
Cartridge engine oil filter	•	•
Cartridge fuel filter	•	•
Fuel filter with transparent water separation container	•	•
Fuel tank discharge	•	•
Auxiliary liquid refrigerant expansion tank	•	•
CANOPY		
4 upright rollbar ROPS - TOPS - FOPS (Level I)	•	•
Adjustable mechanical suspension seat	•	•
Adjustable pneumatic suspension seat	0	0
Safety Belt	•	•
Wrist supports	•	•
Foot supports	•	•
Closable motion petals	•	•
Comfort rubber foot rest	•	•
Drivers seat platform assembled on 4 vibration damping elastic supports	•	•
Indicator light for hydraulic filter and engine air intake filter clog	•	•
Water temperature and fuel level indicators	•	•
Hour counter	•	•
High water temperature alarm	•	•
Warning buzzer	•	•
Single pole 12 volt power supply outlet	•	•
Glove compartment	•	•

25 ZT			
24 SR			
CAB			1
Cab ROPS - TOPS - FOPS (Level I)	0	0	
Adjustable mechanical suspension seat	•	•	-
Adjustable pneumatic suspension seat	0	0	-
Safety Belt	•	•	-
Wrist supports	•	•	-
Foot supports	•	•	-
Closable motion petals	•	•	-
Comfort rubber foot rest	•	•	
Drivers seat platform assembled on 4 vibration damping elastic supports	•	•	
Heating system with speed adjustment	•	•	
Sliding right side window	•	•	-
Sliding left side window	•	•	_
Windshield with assisted opening system (gas springs)	•	•	
Rolling sun blind	•	•	
Courtesy light	•	•	1
Indicator light for hydraulic filter and engine air intake filter clog	•	•	
Water temperature and fuel level indicators	•	•	
Hour counter	•	•	
High water temperature alarm	•	•	-
Warning buzzer	•	•	
Radio AM/FM USB	0	0	
Single pole 12 volt power supply outlet	•	•	
Glove compartment	•	•	
Front windshield wipers with sprayer and speed control	•	•	
SAFETY			
Machine blocking device during exit/access to the driver's seat	•	•	
Engine ignition device only with the left console lowered	•	•	
Anti-slip climbing plate	•	•	ı
Climbing and descending handles	•	•	-
Emergency bar	•	•	
Rearview mirror kit	•	•	
Anti-drift safety valve on the first arm, second arm and backfill blade	0	0	-
Pressure accumulator that allows the arm to be lowered in the event of an engine failure	•	•	-

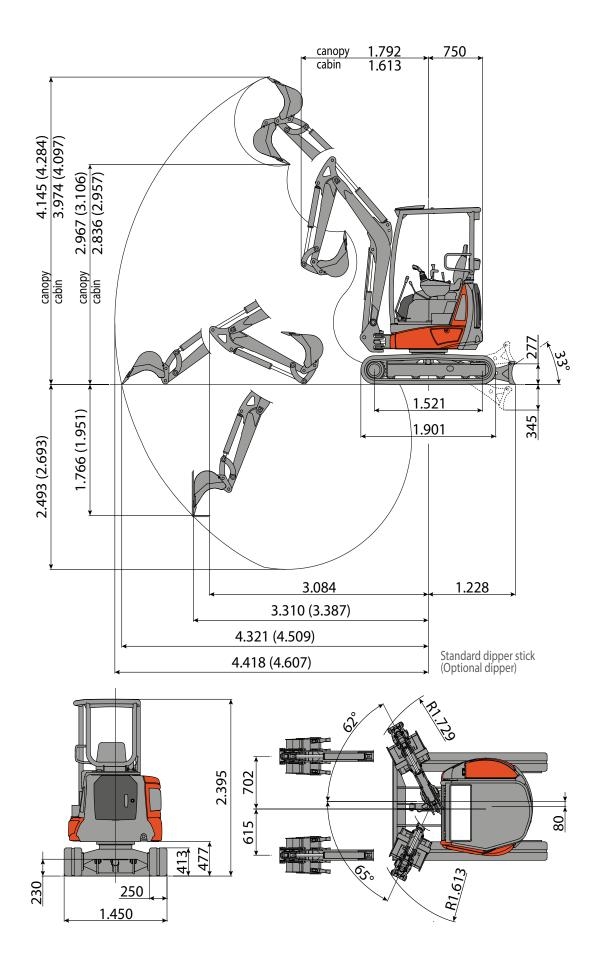
25 ZT		
24 SR		
HYDRAULIC SYSTEM		
Open circuit hydraulic system with variable capacity pump	•	•
ISO hydraulic servo-control	•	•
Hydraulic oil intake filter	•	•
Rotation parking brake	•	•
Motion parking brake	•	•
Two speed motion system	•	•
Automatic movement speed change (Shiftdown)	•	•
Single/double effect hydraulic system (e.g., hammer or drill) with electrical containment	•	•
Hydraulic setup for calliper rotor (with switches on bucket cylinder)	0	0
Hydraulic setup for chopper (with additional pump)	0	0
AUX 2: Double effect low capacity hydraulic set up with potentiometer control on the left joystick (excludes tilt operation)	0	0
ELECTRICAL SYSTEM		
Work lights on the lifting arm	•	•
Supplementary work lights on the lifting arm	0	0
Supplementary front canopy/cap lights	0	0
Supplementary rear canopy/cap lights	0	0
Rotating light	0	0
Battery disconnect switch	•	•
Watertight connectors (IP67)	÷	÷
UNDERCARRIAGE		
Backfill blade Dozer blade cylinder protective casing	•	•
Motion engines casing	•	•
Rotating joint protective casing	•	•
Rubber tracks	•	•
Iron tracks	0	0
Rubber road pad for iron tracks	0	0
4 anchoring points for transport	•	•
UTILITY		
Antitheft system	0	0
Geo-service system for locating and remote diagnostics	0	0
Second excavating arm 1,150 mm	•	/
Second excavating arm 1,350 mm	0	•
Second excavating arm 1,550 mm	/	0
Additional external counterweight	0	0
Colour customizations (RAL specific)		
4 anchoring points for lifting On-board visual fuel level indicator	•	•
Lifting cylinder protective casing	•	•

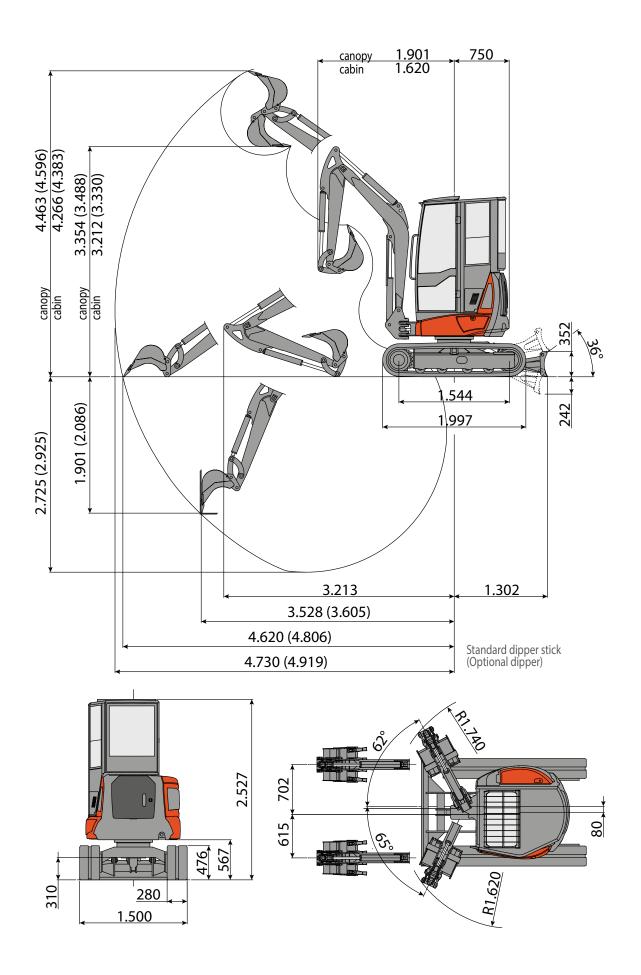
TECHNICALS SPECIFICATIONS

Operating weight with cabin (with rubber tracks)	kg	2.360			
Operating weight with canopy (with rubber tracks)	kg	2.230			
Travelling speed	km/h	1^a : $0 \div 2,6 / 2^a$: $0 \div 4,0$			
Slew speed	rpm	11			
ENGINE					
Type		NMAR 3TNV76 - Stage 5			
Max Power (2.200 rpm)	kW - HP	14,0 - 19,0			
Displacement	CC	1.116			
Number of cylinders	n°	3			
Cooling	11.71.	water			
Consumption Alternator	lt/h	2,8			
	V (Ab)	12 (40)			
Battery HYDRAULIC SYSTEM	V (Ah)	12 (65)			
		variable flow			
Pump displacement					
Pump capacity	cc lt/min	2 x 13+8,3 2 x 26,5+18			
Pump capacity Max. circuit calibration pressure	bar	2 x 26,5+18 230			
Auxiliary system: Max capacity	lt/min	40			
Max capacity Max pressure	bar	210			
PERFORMANCES	Dai	210			
Max digging depth standard arm (optional arm)	mm	2.493 (2.693)			
Max dumping height with canopy standard arm		2.773 (2.073)			
(optional arm)	mm	2.967 (3.106)			
Max dumping height with cab standard arm (optional arm)	mm	2.836 (2.957)			
Bucket breaking force (standard arm) ISO 6015	daN	2.200			
Arm breaking force (standard arm) ISO 6015	daN	1.520			
Traction force	daN	2.000			
Ground bearing pressure with rubber tracks and canopy (with cabin)	kg/cm²	0,26 (0,28)			
Max slope		60% - 30°			
DIMENSIONS					
Maximum width	mm	1.450			
Total height	mm	2.395			
Rear rotation radius	mm	750			
Digging arm length std (optional)	mm	1.150 (1.350)			
Tracks width	mm	250			
Rollers number (for each side)	n°	4			
FILLINGS					
Fuel tank	lt	26			
Hydraulic oil tank	lt	29			
Hydraulic circuit capacity	lt	40			
Cooling system capacity	lt	5			
Engine oil CONTROLS	lt	2,8			
Boom, dipper stick, bucket and turret swing		2 pilot joysticks			
Track movements (included counter rotation)	2 pilot levers				
Dozer blade	pilot lever				
	electroproportional switch on right joystick				

TECHNICALS SPECIFICATIONS

Operating weight with canopy (with rubber tracks)	kg	2.410			
Operating weight with cabin (with rubber tracks)	kg	2.540			
Travelling speed	km/h	1a: 0 ÷ 2,6 / 2a: 0 ÷ 4,3			
Slew speed	rpm	11			
ENGINE					
Туре	YA	ANMAR 3TNV76 - Stage 5			
Max Power (2.200 rpm)	kW - HP	15,5 - 21,1			
Displacement	СС	1.116			
Number of cylinders	n°	3			
Cooling		water			
Consumption	lt/h	3,1			
Alternator	V (A)	12 (40)			
Battery	V (Ah)	12 (65)			
HYDRAULIC SYSTEM					
Pump type		variable flow			
Pump displacement	CC	2 x 13+8,3			
Pump capacity	lt/min	2 x 28,5+18			
Max. circuit calibration pressure	bar	230			
Auxiliary system: Max capacity	lt/min	45			
Max pressure	bar	210			
PERFORMANCES					
Max digging depth standard arm (optional arm)	mm	2.725 (2.925)			
Max dumping height with canopy standard arm (optional arm)	mm	3.354 (3.488)			
Max dumping height with cab standard arm (optional arm)	mm	3.212 (3.330)			
Bucket breaking force (standard arm) ISO 6015	daN	2.200			
Arm breaking force (standard arm) ISO 6015	daN	1.450			
Traction force	daN	2.200			
Ground bearing pressure with rubber tracks and canopy (with cabin)	kg/cm²	0,28 (0,29)			
Max slope	60% - 30°				
DIMENSIONS					
Maximum width	mm	1.500			
Total height	mm	2.527			
Rear rotation radius	mm	750			
Digging arm length std (optional)	mm	1.350 (1.550)			
Tracks width	mm	280			
Rollers number (for each side)	n°	4			
FILLINGS					
Fuel tank	lt	26			
Hydraulic oil tank	lt	29			
Hydraulic circuit capacity	lt	40			
Cooling system capacity	lt	5			
Engine oil	lt	2,8			
CONTROLS					
Boom, dipper stick, bucket and turret swing		2 pilot joysticks			
Track movements (included counter rotation)	2 pilot levers				
Dozer blade	pilot lever				
		photieven			
Auxiliary circuit (simple or double effect)	electropr	roportional switch on right joystick			





LIFTING CAPACITY

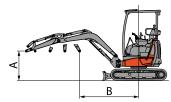
The lifting capacity is based on ISO 10567 and does not exceed 75% of the static tipping load or 87% of the hydraulic lifting capacity of the machine.

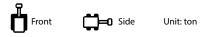
The straddle refers to the centre of rotation.

* Indicates the hydraulic load limit.

0 m refers to ground level.

The machine is understood to be equipped with a cab, rubber tracks, without a bucket and without a quick coupling.





Raised Blade, Standard Arm (1150 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

		B (m)										
A /:>	1.0		2.0		3.0		MAX					
A (m)	ů	₽	Ů		Ğ		ů	₽	MAX			
3.0					0,37 (0,43)	0,28 (0,34)	0,19 (0,25)	0,18 (0,24)	2,90 m			
2.0					0,36 (0,42)	0,32 (0,38)	0,2 (0,24)	0,2 (0,24)	3,58 m			
1.0			*0,76 (*0,76)	0,6 (0,42)	0,36 (0,41)	0,36 (0,42)	0,21 (0,25)	0,22 (0,26)	3,80 m			
0			*0,69 (*0,69)	0,55 (0,36)	0,34 (0,4)	0,29 (0,35)	0,23 (0,27)	0,23 (0,27)	3,69 m			
-1.0	*0,78 (*0,78)	*0,78 (*0,78)	*0,64 (*0,64)	0,49 (0,3)	0,33 (0,39)	0,28 (0,34)	0,24 (0,29)	0,24 (0,29)	3,19 m			

Lowered Blade, Standard Arm (1150 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

() the values in parenties are than additional standard on 2 ton												
		B (m)										
A (100)	1.0		2.0		3.0		MAX					
A (m)	ů		Ů		ů	₽	ů		MAX			
3.0					*0,58 (*0,58)	0,28 (0,34)	*0,38 (*0,38)	0,18 (0,24)	2,90 m			
2.0					*0,57 (*0,57)	0,32 (0,34)	*0,4 (*0,4)	0,2 (0,24)	3,58 m			
1.0			*0,97 (*0,97)	0,6 (0,71)	*0,56 (*0,56)	0,36 (0,38)	*0,41 (*0,41)	0,22 (0,26)	3,80 m			
0			*1,00 (*1,00)	0,55 (0,65)	*0,53 (*0,53)	0,29 (0,42)	*0,43 (*0,43)	0,23 (0,27)	3,69 m			
-1.0	*1,16 (*1,16)	*0,78 (*0,78)	*0,95 (*0,95)	0,49 (0,59)	*0,53 (*0,53)	0,28 (0,35)	*0,44 (*0,44)	0,24 (0,29)	3,19 m			

Raised Blade, Optional Arm (1350 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

() the values in parenthesis are with additional ballast. 0.12 ton												
		B (m)										
A (100)	1.0		2.0		3.0		MAX					
A (m)	ů	₽	ů		ů		Ğ		MAX			
3.0					0,36 (0,42)	0,27 (0,33)	0,13 (0,19)	0,12 (0,18)	3,18 m			
2.0					0,35 (0,41)	0,31 (0,36)	0,14 (0,18)	0,14 (0,18)	3,79 m			
1.0			0,75 (0,75)	0,59 (0,41)	0,34 (0,4)	0,35 (0,41)	0,15 (0,19)	0,16 (0,2)	4,00 m			
0			0,68 (0,68)	0,54 (0,35)	0,33 (0,39)	0,28 (0,33)	0,17 (0,21)	0,17 (0,21)	3,90 m			
-1.0	0,77 (0,77)	0,77 (0,77)	*0,63 (*0,63)	0,48 (0,29)	0,32 (0,38)	0,27 (0,33)	0,18 (0,23)	0,17 (0,23)	3,44 m			

Lowered Blade, Optional Arm (1350 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

	B (m)										
A ()	1.0		2.0		3.0		MAX				
A (m)	ů	₽	Ů		ů		ů		MAX		
3.0					*0,57 (*0,57)	0,27 (0,33)	*0,32 (*0,32)	0,12 (0,18)	3,18 m		
2.0					*0,56 (*0,56)	0,31 (0,33)	*0,33 (*0,33)	0,14 (0,18)	3,79 m		
1.0			0,96 (0,96)	0,59 (0,69)	*0,55 (*0,55)	0,35 (0,36)	*0,35 (*0,35)	0,16 (0,2)	4,00 m		
0			0,99 (0,99)	0,54 (0,64)	*0,52 (*0,52)	0,28 (0,41)	*0,37 (*0,37)	0,17 (0,21)	3,90 m		
-1.0	1,15 (1,15)	0,77 (0,77)	*0,94 (*0,94)	0,48 (0,58)	*0,51 (*0,51)	0,27 (0,33)	*0,38 (*0,38)	0,17 (0,23)	3,44 m		

LIFTING CAPACITY

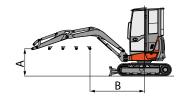
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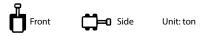
The straddle refers to the centre of rotation.

* Indicates the hydraulic load limit.

0 m refers to ground level.

The machine is understood to be equipped with a cab, rubber tracks, without a bucket and without a quick coupling.





Raised Blade, Standard Arm (1350 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

	B (m)										
A ()	1.0		2.0		3.0		MAX				
A (m)	ů	₽	Ů		ů		ů		MAX		
3.0					0,39 (0,44)	0,3 (0,35)	0,21 (0,26)	0,2 (0,25)	3,40 m		
2.0					0,38 (0,44)	0,33 (0,39)	0,22 (0,26)	0,21 (0,25)	3,94 m		
1.0			*0,76 (*0,76)	0,63 (0,45)	0,37 (0,43)	0,38 (0,44)	0,24 (*0,32)	0,24 (0,27)	4,12 m		
0			*0,69 (*0,69)	0,58 (0,39)	0,36 (0,41)	0,3 (0,36)	0,25 (0,29)	0,24 (0,28)	3,99 m		
-1.0	*0,78 (*0,78)	*0,78 (*0,78)	*0,64 (*0,64)	0,53 (0,34)	0,35 (0,41)	0,3 (0,35)	0,27 (0,31)	0,25 (0,3)	3,51 m		

Lowered Blade, Standard Arm (1350 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

· · · · · · · · · · · · · · · · · · ·												
		B (m)										
A (100)	1.0		2.0		3.0		MAX					
A (m)	ů	₽	ů		ů		ů		MAX			
3.0					*0,58 (*0,58)	0,3 (0,44)	*0,38 (*0,38)	0,2 (0,25)	3,40 m			
2.0					*0,57 (*0,57)	0,33 (0,35)	*0,4 (*0,4)	0,21 (0,25)	3,94 m			
1.0			*0,97 (*0,97)	0,63 (0,74)	*0,56 (*0,56)	0,38 (0,39)	*0,41 (*0,41)	0,24 (0,27)	4,12 m			
0			*1,00 (*1,00)	0,58 (0,68)	*0,53 (*0,53)	0,3 (0,44)	*0,43 (*0,43)	0,24 (0,28)	3,99 m			
-1.0	*1,16 (*1,16)	*0,78 (*0,78)	*0,95 (*0,95)	0,53 (0,63)	*0,53 (*0,53)	0,3 (0,36)	*0,44 (*0,44)	0,25 (0,3)	3,51 m			

Raised Blade, Optional Arm (1550 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

() the values in parenthesis are with additional ballast. 0.12 ton												
		B (m)										
A ()	1.0		2.0		3.0		MAX					
A (m)	ů	₽	ů		ů		ů	₽	MAX			
3.0					0,38 (0,44)	0,29 (0,35)	0,05 (0,1)	0,04 (0,09)	3,65 m			
2.0					0,37 (0,43)	0,32 (0,38)	0,06 (0,1)	0,05 (0,1)	4,15 m			
1.0			*0,75 (*0,75)	0,62 (0,44)	0,36 (0,42)	0,37 (0,43)	0,08 (0,16)	0,08 (0,12)	4,32 m			
0			*0,68 (*0,68)	0,57 (0,38)	0,35 (0,41)	0,29 (0,35)	0,09 (0,13)	0,08 (0,12)	4,20 m			
-1.0	*0,77 (*0,77)	*0,77 (*0,77)	*0,63 (*0,63)	0,52 (0,33)	0,34 (0,4)	0,29 (0,35)	0,11 (0,15)	0,09 (0,14)	3,75 m			

Lowered Blade, Optional Arm (1550 mm)

() the values in parenthesis are with additional ballast: 0.12 ton

() the values in parenties sure that additional suitable of 2 ton									
A (m)	B (m)								
	1.0		2.0		3.0		MAX		
	ů	₽	ů		ů				MAX
3.0					*0,57 (*0,57)	0,29 (0,43)	*0,22 (*0,22)	0,04 (0,09)	3,65 m
2.0					*0,56 (*0,56)	0,32 (0,35)	*0,24 (*0,24)	0,05 (0,1)	4,15 m
1.0			*0,96 (*0,96)	0,62 (0,73)	*0,55 (*0,55)	0,37 (0,38)	*0,25 (*0,25)	0,08 (0,12)	4,32 m
0			*1,00 (*1,00)	0,57 (0,68)	*0,53 (*0,53)	0,29 (0,43)	*0,27 (*0,27)	0,08 (0,12)	4,20 m
-1.0	*1,15 (*1,15)	*0,77 (*0,77)	*0,94 (*0,94)	0,52 (0,62)	*0,52 (*0,52)	0,29 (0,35)	*0,28 (*0,28)	0,09 (0,14)	3,75 m



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