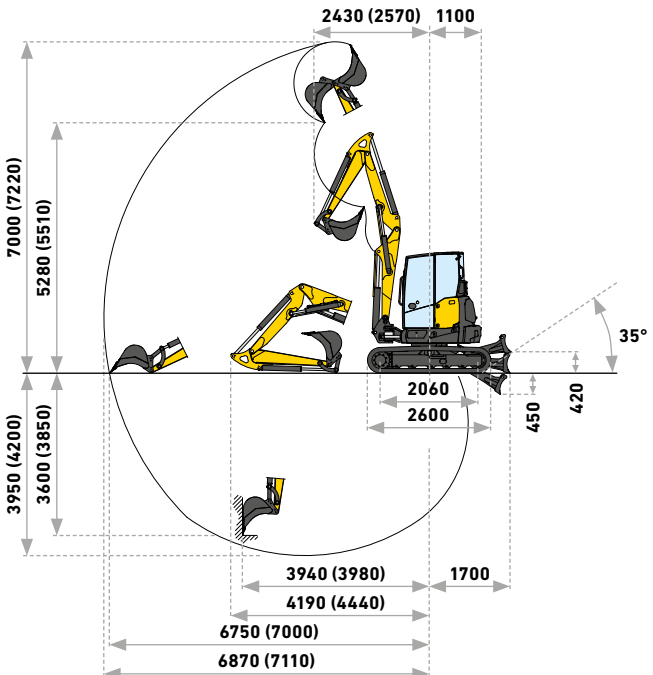


# MINI EXCAVATORS

E65D



Engine		
Type		KUBOTA V2607-CR-T - STAGE 5
Max. Power (2200 rpm)	(kW/hp)	44.3 - 60.2
Displacement	(cm³)	2615
Number of cylinders	(n°)	4
Cooling		Liquid
Consumption	(l/h)	7.6
Alternator	[V (Ah)]	12 (60)
Battery	[V (Ah)]	12 (95)
Hydraulic system		
Circuit Type		Load Sensing closed center system with "Flow Sharing" control valve
Pump type		1 LS hydraulic variable pump with electronic control + 1 gear pump
Pump displacement	(cm³)	71 + 14
Pump capacity	(l/min)	141 + 27.8
Max. circuit calibration pressure	(bar)	280
Auxiliary system (max pressure):		
• AUX 1 single or double effect with priority	[l/min (bar)]	85 - 200
• AUX 2 double effect	[l/min (bar)]	60/40 - 280
• AUX 3 double effect - optional	[l/min (bar)]	37/37 - 280
Slewing & travel speed		
Travelling speed (AUTO TWO SPEED)	(km/h)	1st : 0 ÷ 2.3 / 2nd : 0 ÷ 4.5
Slew speed	(rpm)	11
Controls		
Boom, dipper stick, bucket and turret swing		2 pilot joysticks
Track movements (included counter rotation)		2 pilot levers
Dozer blade		pilot lever
Priority auxiliary system with holding function		
• AUX 1 single or double effect		electroproportional switch on right joystick
• AUX 2 double effect		electroproportional switch on right joystick
• AUX 3 double effect		electroproportional switch on left joystick
Boom swing		electroproportional switch on left joystick
Weights		
Operating weight with rubber tracks ISO 6016	(kg)	6520
Transport Weight with cab	(kg)	6290
Circuit and component capacities		
Fuel tank	(l)	85
Hydraulic oil tank	(l)	60
Hydraulic circuit capacity	(l)	80
Cooling system capacity	(l)	12
Engine oil	(l)	10.2



Performance data		Arm Std.	Arm Opt.
		1650 mm	1900 mm
Max. digging depth	mm	3950	4200
Max. dumping height	mm	5280	5510
Bucket breaking force	daN	5300	
Arm breaking force ISO 6015	daN	3300	
Traction force	daN	6500	
Ground bearing pressure with rubber tracks and canopy (with cabin)	kg/cm <sup>2</sup>	0.34	
Max. slope		60% - 30°	

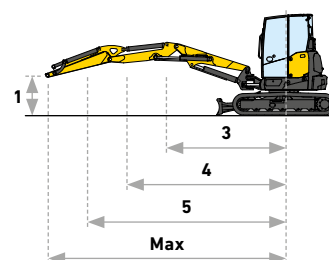
General dimensions		
Maximum width	mm	1980
Total height	mm	2550
Tracks width	mm	400
Rear rotation radius	mm	1100
Digging arm length standard (optional)	mm	1650 (1900)
Rollers number (for each side)	n°	5/1

### Lifting capacity

Opening arm from the rotation's center (m). Lifting capacity (ton) at 1.0 m height	3	4	5	Max
Frontal and lowered dozer blade	2600*	2070*	1690*	1280*
Frontal and lifted dozer blade	2020	1240	860	640
Lateral, open undercarriage	1430	890	610	450

\* Indicates the hydraulic load limit.

Standard dipper stick L = 1650 mm  
(Optional dipper stick L = 1900 mm)



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.

## Standard equipment

- Tilttable Cab (ROP/TOPS - FOPS Level 1)
- Automatic Air Conditioning and Heating
- Automatic Courtesy light
- DAB Radio, Bluetooth, USB, Memory card SD/SDHC, Aux-in
- Electric socket on the roof for Rotating Beacon
- Windshield washer
- Rear-view mirrors (left, right, rear)
- Fabric seat with Premium Mechanical suspension
- Standard arm
- 2-Piece-Boom
- Boom Lift cylinder and dozer blade cylinder protection
- Additional counterweight - Light
- Air Filter with drain valve and electric anti-clogging indicator
- Hydraulic Reversible Fun Drive with automatic functionality
- Electric fuel refill pump with auto-stop function
- Servo-assisted hydraulic joysticks with Electro-Hydraulic proportional controls
- Electro-Hydraulic proportional Swing control
- Electro-Hydraulic proportional 2-Piece-Boom control
- 1<sup>st</sup> Auxiliary (AUX1) circuit with Electro-Hydraulic proportional control
- 2<sup>nd</sup> Auxiliary (AUX2) circuit with Electro-Hydraulic proportional control
- Digital cluster with AUX1, AUX2 and AUX3 flow settings
- Block valves on swing cylinder
- Block valves on 2 piece boom positioner cylinders
- Electric diverter between Single effect and Double effect AUX1
- 2 speed travel with Automatic Shift Down (from 2<sup>nd</sup> to 1<sup>st</sup> gear if more traction is required) and Shift-up
- Electronic Proportional RPM control with Auto-Idle
- Rubber tracks
- Standard Dozer Blade
- Operator manual
- Ignition key, which opens every machine lock
- Standard LED working lights (boom, right-front hood and cab-front)
- Battery disconnect switch
- Variable Volume Pump
- Standard Hydraulic oil and Lubricants

## Optional equipment

- Anti-Theft
- Fabric seat with Pneumatic suspension
- Fabric seat with Pneumatic suspension and Heating
- Rear view camera
- Travel alarm
- Long arm
- Additional counterweight - Heavy
- 3<sup>rd</sup> Auxiliary (AUX3) circuit with Electro-Hydraulic proportional control
- Grapple provision (AUX3 with flow diverter from bucket cylinder)
- Direct Drainage to tank
- Block valves on dozer blade cylinder
- Object handling kit (block valves on boom and arm, lifting hook and load chart)
- Steel tracks
- 6X1 (Angle/Tilt) Dozer Blade
- Dozer Float
- Extra LED working lights (cab-rear)
- Rotating beacon
- Case Sitewatch
- Bio Hydraulic oil and Lubricants
- Automatic Centralized Lubrication
- High Flow provision (i.e. for Mulcher): max constant flow of 60 l/min at 180 bar
- Hydraulic quick coupler provision (Single or Double Effect)
- Mechanical and Hydraulic quick couplers
- Buckets

## Aftermarket solutions

- Superior Protection grid (FOPS Level 2)
- Front Protection grid (Level 2)
- Arm cylinder and bucket cylinder protection
- Rubber pads for steel tracks
- Geogrip tracks
- Vast variety of attachments
- Full range of Mechanical and Hydraulic quick couplers



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\* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call **01 2421881** and this will be charged at your standard network rate.

The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information.