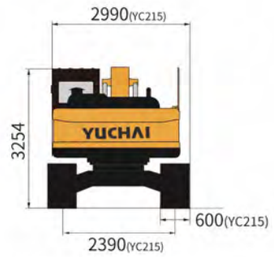
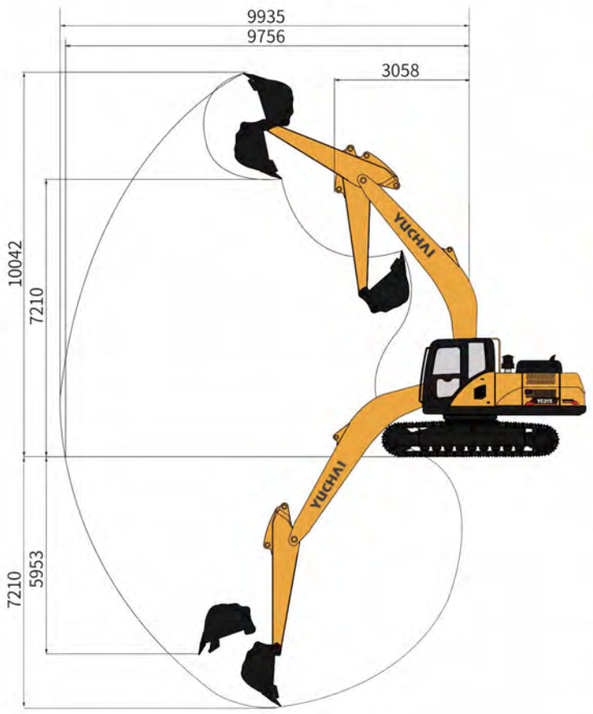




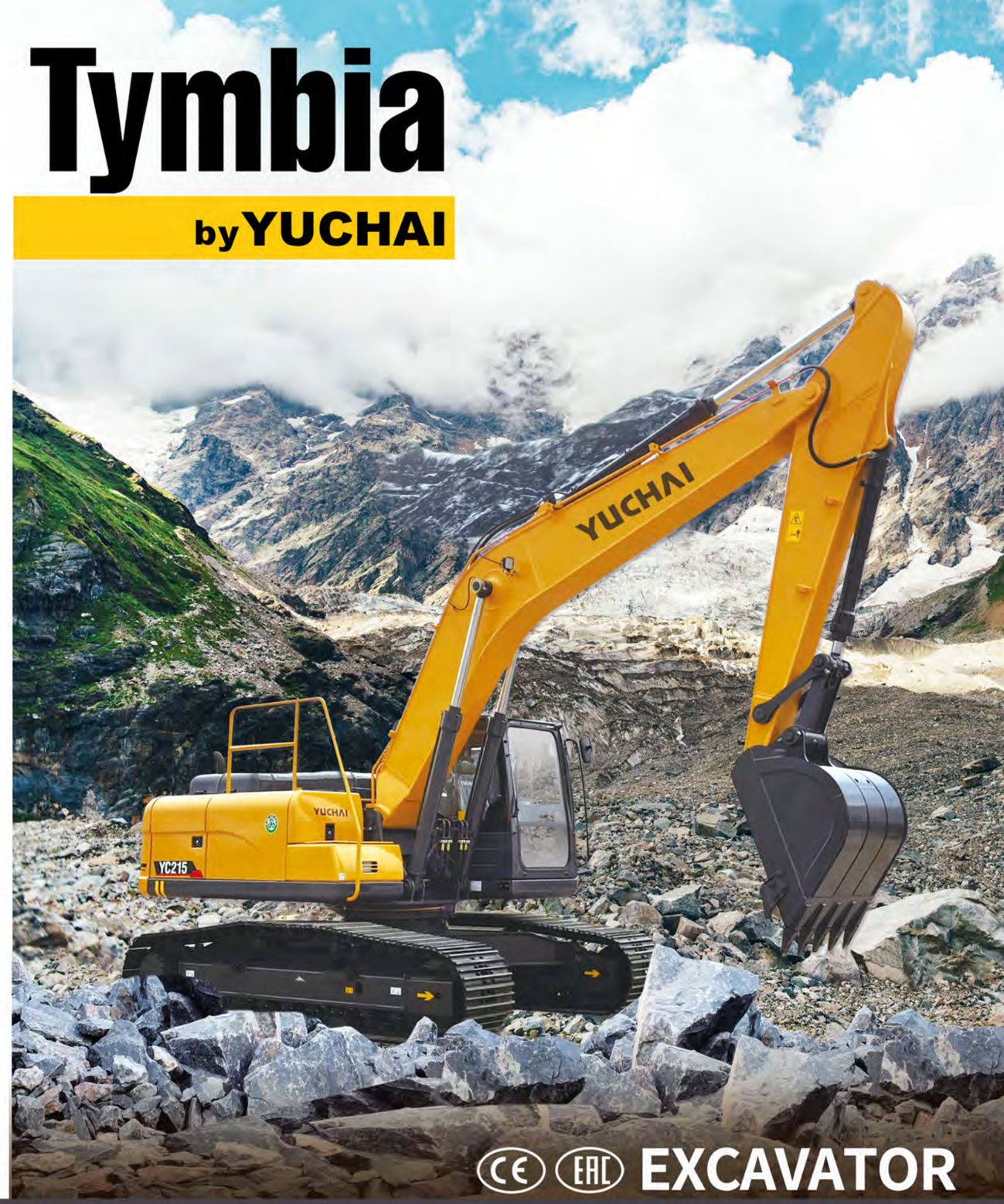
YC210 | YC215 Technical Specification

Basic parameters	YC210 | YC215
Machine weight	22000 kg | 22300 kg
Bucket capacity	1.0 m^3
Width of bucket	1285 mm
Performance parameters	
Engine model	Yuchai YCA05
Emission Standard	Euro V
Engine power	129 kW / 2200 rpm
Max. Gradeability	35 °
Max. digging force of arm	98.6 kN
Max. digging force of bucket	141.5 kN
Traveling speed	3/5 km/h
Max. hauling force	201kN
Slewing speed of platform	10~13 rpm
Operating parameters	
Max. digging height	10042 mm
Max. digging depth	7210 mm
Max. digging radius	9935 mm
Max. digging radius on ground level	9756 mm
Max. dumping height	7210 mm
Min. slewing radius	3058 mm
Max. vertical digging depth	5953 mm
Transportation dimensions	
Overall length	9620 mm
Overall width	2540 mm | 2990 mm
Overall height	3254 mm
Other Parameters	
Width of undercarriage	2540mm | 2990 mm
Length of track	4550 mm
Width of track	500mm | 600 mm
Minimum ground clearance	485 mm
Height between platform and ground	1070 mm
Platform tail turning radius	2870 mm
Length to center of rollers	3655 mm
Fuel tank capacity	370 L | 430 L
Hydraulic oil tank capacity	195 L | 200 L
Track gauge	2040 mm | 2390 mm
Working Pressure	35.2 Mpa
Flow rate	217×2+19.5 L/Min
AUX 1 Pressure/Flow rate	25 Mpa/217 L/Min
AUX 2 Pressure/Flow rate	25 Mpa/217 L/Min
Arm length（standard/longer）	3748 mm
Boom length	5700 mm

Specifications are subject to change without prior notice .

Tymbia

by YUCHAI



CE EAC EXCAVATOR

info@tymbia.com | www.tymbia.com

Machine weight : 22300 kg | Engine model : Yuchai YCAO5
Bucket capacity: 1 m^3 | Engine power : 129kW/2200rpm
Overall dimensions (L x W x H): 9620mm x 2990mm x 3254 mm

YC215

Equipment

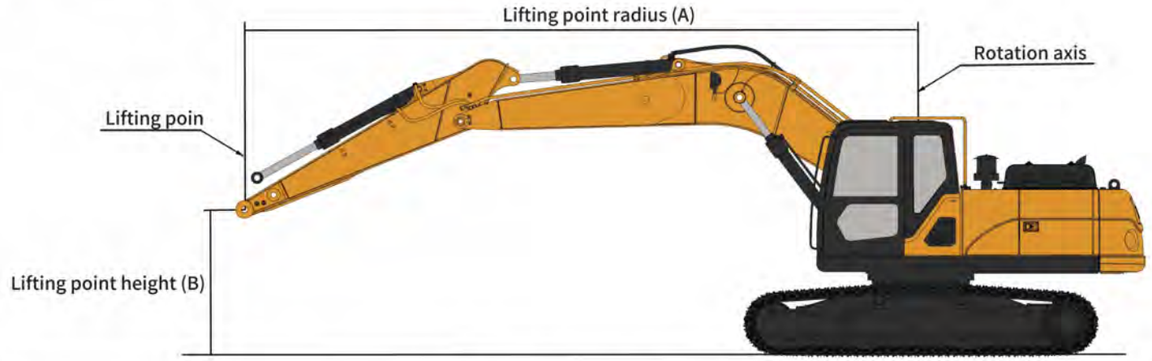
- Standards and requirements for special equipment vary by country.
- For more details on equipment options, please feel free to contact us.

Component Part	Description	Standard	Optional
Cabin	LCD instrument	•	
	AM/FM-Radio with Bluetooth	•	
	Cup holder	•	
	High-back suspension seat	•	
	Fabric air suspension seats		•
	Air conditioning	•	
	FOPS	•	
	ROPS	•	
	Front windshield wipers	•	
	Rearview mirrors	•	
	Rear camera	•	
	Cigarette lighter	•	
Working device	Hydraulic quick connnector		•
	Tilting coupler		•
	Tiltrotator		•
	600 mm bucket		•
	0.8 m^3 Reinforced bucket		•
	1000 mm bucket		•
	1285 mm bucket	•	
	1600 mm bucket		•
	2000 mm trench bucket		•
	1400 mm screening bucket		•
	2000 mm tilting bucket		•
	2250 mm standard arm	•	
	2650 mm longer arm		•
	Hammer lines	•	
	Hydraulic hammer		•
	Auger		•
	Thumb		•
	Boom holding valve	•	
	Arm holdding valve	•	
Tracks	600 mm steel track	•	
	800 mm steel track		•
Hydraulic system	Traveling alarm		•
	Left & right proportional joysticks	•	
	Negative Flow Control (System)	•	
	ISO/SAE switch		•
	AUX1	•	
	AUX2	•	
	AUX1 Adjustable pressure	•	
	AUX1 & AUX2 Adjustable flow	•	
	Hydraulic quick coupler pipes	•	
	Hydraulic quick coupler	•	
Lighting	2 LED work lights at the front	•	
	Rear LED work light	•	
	1 boom LED work light	•	
Others	Electric fuel pump	•	
	Automatic lubricating system	•	

YC215 Max. digging radius-9935 mm (without quick coupler)

Standard Arm's Digging Force: 98.6 kN (market-leading performance)

- **Dual-arm versatility:** Standard/extended arm can meet the needs of different working conditions.
- **Key specs:** 1 m^3 bucket | 10~13 rpm swing | 141.5 kN bucket digging force.
- **Robust construction:** The heavy-duty machine structure, engineered for China's demanding applications, handles North American and European job sites with ease.



YC215 Lifting Capacity Form(Unit=kg)																
Radius	2.0 m		3.0 m		4.0 m		5.0 m		6.0 m		7.0 m		8.0 m		Maximum Arm Reach Lifting Capacity	
Height (m)																
6.0 m	—	—	—	—	—	—	—	—	*4050	*4050	*3880	*3880	—	—	*2890	*2890
5.0 m	—	—	—	—	—	—	*4520	*4520	*4300	*4300	*4200	4320	—	—	*2860	*2860
4.0 m	—	—	*7690	*7690	*6030	*6030	*5190	*5190	*4710	*4710	*4420	4260	*3410	3500	*2880	*2880
3.0 m	—	—	—	—	*7410	*7410	*5980	*5980	*5190	5180	*4710	4180	*4420	3460	*2950	*2950
2.0 m	—	—	—	—	*8670	8770	*6740	6450	*5670	5040	*5020	4100	*4600	3410	*3070	2390
1.0 m	—	—	—	—	*9530	8520	*7360	6280	*6100	4930	*5300	4020	4910	3370	*3260	2430
0 m	—	—	*5630	*5630	*9940	8390	*7770	6160	*6410	4850	5880	3970	4870	3340	*3530	2550
-1.0 m	*5210	*5210	*7870	*7870	*10010	8340	*7940	6110	*6560	4800	5840	3940	—	—	*3920	2740
-2.0m	*7700	*7700	*10580	*10580	*9790	8350	*7860	6100	*6510	4790	5840	3940	—	—	*4530	3660
-3.0m	*10430	*10430	*11770	*11770	*9260	8410	*7510	6130	*6200	4820	—	—	—	—	*5260	4120
-4.0m	*13820	*13820	*10450	*10450	*8320	8520	*6740	6220	—	—	—	—	—	—	*5410	4970

Notices

1.The lifting capacity calculation is based on ISO10560 and SAEJ1097 standards; the limit coefficient of hydraulic system is 0.87, and the tipping limit coefficient is 0.75.
2.The number marked with * means that it was restricted by the hydraulic system, and the number marked without * means that it was restricted by the stability.
3.The lifting point is the front support hole of the stick. It is not included the weight of the bucket and bucket cylinder. If additional accessories (such as bucket, cylinder, etc.) are added, it shall be deducted from the above lifting weight.