

Engineering built smarter. Solutions built to last.

Tuboshu delivers innovative, sustainable engineering built for Africa. Backed by decades of expertise, we design adaptive, high-performance solutions that solve real operational challenges. Our commitment to quality drives every project, supported by a trusted network for maintenance, technical assistance, and ongoing after-sales service.

Elevate Your Power



TUBOSHU⁷

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Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Tuboshu equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show other than standard equipment.

TUBOSHU⁷



EXCAVATOR⁷ TX 220

TECHNICAL SPECIFICATION

CHARACTERISTICS

Manufacturer	TUBOSHU
Model	TX 220
Configuration Number	TUTZ220UK

GENERAL INFO

Operating Weight	22462 kg
Rated Power	135Kw / 2050rpm
Standard Bucket Capacity	1.0 m ³
Rock Bucket Capacity	0.9 m ³

ENGINE

Brand	Cummins
Model	QS87
Emission Standard	Tier III
Rated Power	135Kw / 2050rpm
Displacement	6.7 L

HYDRAULIC SYSTEM

Brand	Hengli
Max. Oil Flow	255.5 x 2 L/min
Implement Circuit	34.3 MPa
Travel Circuit	34.3 MPa
Swing Circuit	25.5 MPa
Pilot Circuit	3.9 MPa

SERVICE REFILL CAPACITIES

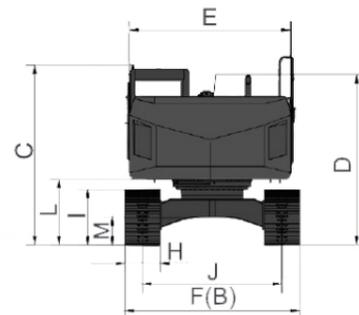
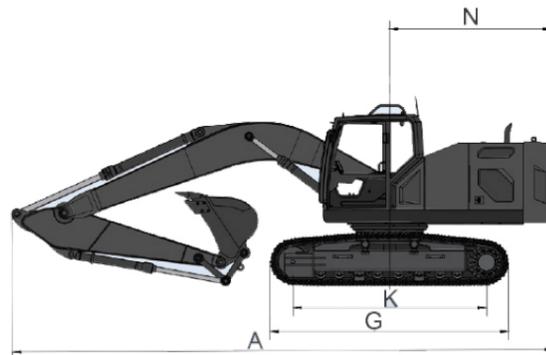
Fuel Tank	400 L
Hydraulic Oil Tank	260 L
Engine Oil	24 L

PERFORMANCE

Bucket Digging Force	141 kN
Arm Digging Force	108 kN
Swing Speed	10.7 r/min
Max. Travel Speed	5.5/3.3 km/h
Max/ Travel Force	210 kN
Gradeability	35 degrees
Ground Pressure	51.1 kPa
Bucket Capacity	1.0 m ³

DIMENSIONS (mm)

Transport Length	A	9609
Transport Width	B	2800
Height Over Cabin	C	3072
Height Over Boom (Transport)	D	3029
Upperstructure Carriage Width	E	2750
Undercarriage Width	F	2800
Track Length	G	4066
Track Width	H	600
Track Height	I	951
Track Gauge	J	2200
Central Distance of Tumblers	K	3260
Counterweight Clearance	L	1123
Min. Clearance	M	472
Tail Swing Radius	N	2880
Boom Length	O	5680
Arm Length	P	2919



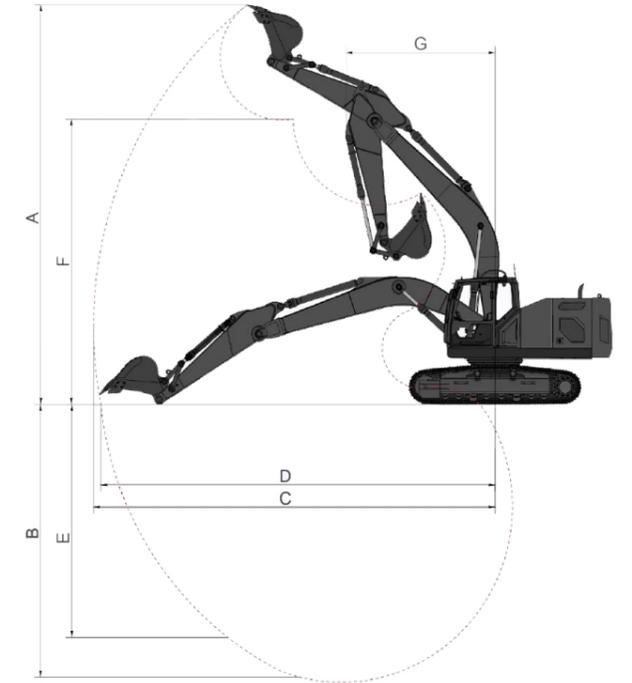
TECHNICAL SPECIFICATION

WORKING RANGE (mm)

Max. Digging Height	A	9592
Max. Digging Depth	B	6551
Max. Digging Radius	C	9894
Max. Digging Reach	D	9712
Max. Vertical Digging Depth	E	5596
Max. Dumping Height	F	6747
Min. Swing Radius	G	3674

OPTIONAL ITEMS

Breaking Hammer Line
Front Guard of Cab
800 m Track Width



LIFTING CAPACITY

Lifting Point Height (m)	Over Front				Over Side			
	Lifting Point Radius (m)				Lifting Point Radius (m)			
	3	4.5	6	7.5	3	4.5	6	7.5
7.5			5013			5013		
6			4960			4960		
4.5			5474	5115		5474	5115	
3		8010	6274	5456		8010	6274	5111
1.5		9596	7084	5854		9596	6720	5001
Ground	6473	10421	7640	5976	6473	9658	6562	4920
-1.5	10991	10455	7764	5954	10991	9590	6497	4898
-3	13677	9719	7242		13677	9655	6535	
-4.5	10759	7769			10759	7769		

