

UPS-20J

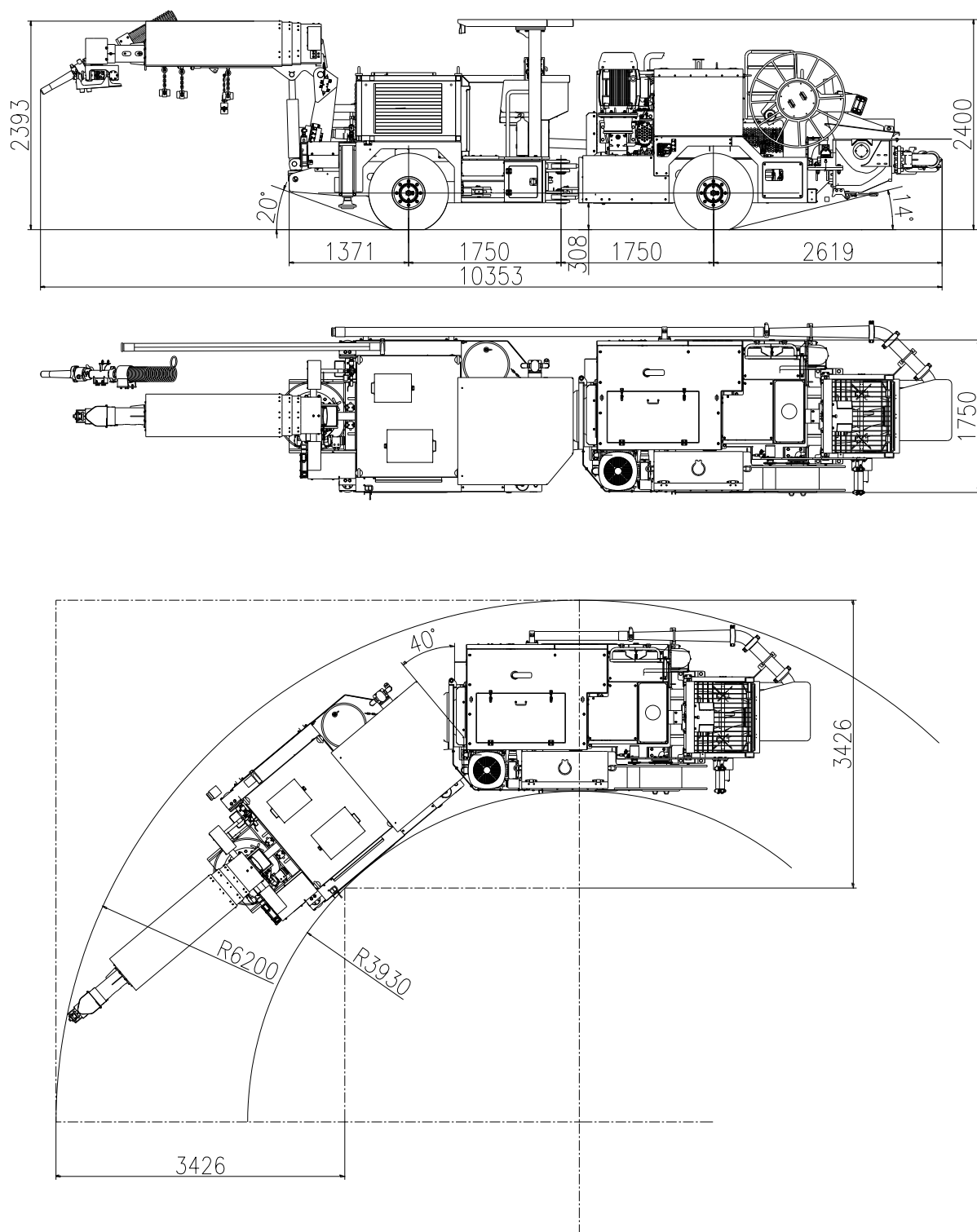
Concrete shotcrete spraying



1. Concrete shotcrete spraying technical parameters

Overall Parameters	Model		UPS-20J
	Length× Width× Height	mm	10353x1750x2400
	Weight	kg	12000
	Rated power of motor	kW	37/45
	Rated power of diesel engine	kW	66
Chassis Parameters	Front and rear drive	-	4× 4 hydrostatic
	Maximum speed	Km/h	10
	Maximum Climbing Gradient	°	20
	Minimum turning radius	Outside	6200
	Minimum turning radius	Inner	3930
Boom Parameters	Boom structure		Telescopic
	Maximum vertical height of	m	8
	Maximum spraying	m	13
	Spraying depth	m	2.5
	Boom elevation angle	°	-35~+60
	Boom extension range	mm	2900
	Nozzle swivel angle	°	360
	Nozzle swing angle	°	240
Pumping System	Theoretical displacement	m ³ /h	20
	Pumping outlet pressure	Mpa	≤8
	Conveying cylinder inner	mm	Φ160× 800
	Conveying pipe diameter		Φ125-Φ80
	Nozzle nozzle caliber	mm	Φ50
Electrical System	Cable	m	80
	External power supply		380V-1000V
	Operation mode		Wireless remote control
	Control mode		Controller control + screen touch
Auxiliary System	Air compressor displacement	m ³ /min	9.5
	Air compressor working	Mpa	0.5
	Maximum output of additive	L/h	500
	Pressure of additive system	Mpa	0.5
	Volume of quick-setting	L	200
	Receiving height	mm	1270

2. Appearance dimensions of concrete shotcrete spraying



Note: The dimensions of the attached drawing are for reference only, and the actual delivery status shall prevail.

3. Main Configuration of concrete shotcrete spraying

No.	Name	Brand name	Remarks
1	Engine	Yuchai machine	Domestic famous brand
2	Hydraulic pump	DAFOSS	Domestic famous brand
3	Hydraulic motor	DAFOSS	Domestic famous brand
4	Air compressor system	Jaguar	Domestic famous brand
5	Quick coagulant pump	Shanghai JuXin	Domestic famous brand
6	Rotary motor	Liansheng/ Zhongyi	Domestic Famous Brands
7	Traveling reducer	Poclain	International famous brand
8	Pump set (work)	Danfoss (DAFOSS)	Domestic famous brand
9	Control hydraulic valve	Eaton/ Ward	Domestic famous brand
10	Controller	Kangxu	Domestic famous brand
11	Motor	WEG/Nanjing Control	Domestic Famous Brands
12	Cylinder	Xili/Dahong/Hengli	Domestic Famous Brands
13	Trailer pump	Yishenghe	Domestic famous brand
14	Remote control	Kangxu	Domestic famous brand
15	High-pressure cleaning water pump	Black Cat	Domestic famous brand

4. Options of concrete shotcrete spraying

No.	Option name	Optional accessories	Remarks
1	Closed cab	Yes ☒ No ☐	
2	Centralized lubrication system	Yes ☒ No ☐	
3	Automatic fire extinguishing system	Yes ☐ No ☐	
4	PDI system	Yes ☒ No ☐	
5	CCTV Video system	Yes ☒ No ☐	