# **UPS-20ZL Mining shotcrete machine**

### **Product introduction:**

• UPS-20ZL is a low and compact wet spraying machine developed for small-section mine tunnel concrete spraying operations. It is widely used in metal and non-metal mine tunnels, hydraulic tunnels, underground buildings (military and civilian), road slope wet spraying support and spraying concrete operations without explosion hazards. This machine has full functions, small size and high degree of integration. It adopts crawler walking chassis and wireless remote control. It is easy to operate, flexible, safe and reliable, and has strong adaptability to working conditions.

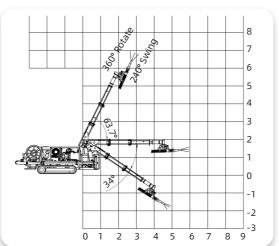


#### **A** Main features:

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- Self-propelled crawler chassis design, wireless remote control driving system, according to the needs of on-site construction, it can be moved or transferred to a suitable position at any time by relying on its own power.
- It is suitable for small construction sites and various harsh construction environments, and can challenge a variety of extreme road conditions.
- Fully hydraulic telescopic and rotating mechanical boom have strong carrying capacity, stable movement, flexible operation, and no construction blind spots.
- It is compact and can flexibly shuttle and operate in mines of different sizes.
- It has a high degree of integration, comes with a quick-setting agent pump and a self-priming pump, reduces on-site external components, and has achieved a small size but complete functions.
- All functions of the equipment can be operated on the remote control, which is convenient for operators to carry out spraying operations. Reduce labor intensity and improve construction safety and efficiency.
- External power supply 380V/660V/1140V can be selected at will.

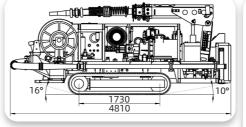
## **Working Scope:**

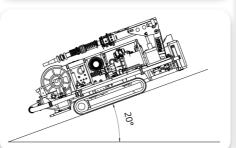


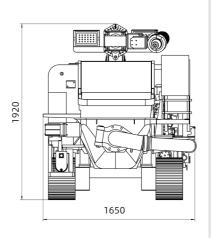
### **Technical parameters:**

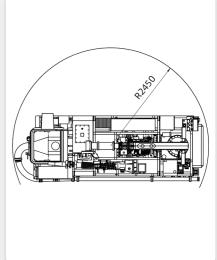
	Item	Parameter
Overall dimensions(L×W×H)		4810×1650×1920mm
Machine weight		5760kg
Engine rated power and speed		Yangma 27kW/2200rpm
Total motor power		30kW
Drive mode, steering mode		Hydraulic drive, wireless remote control driving
В	raking system	Driving: hydraulic wet brake Parking: closed spring brake, hydraulic release, fail-safe parking bral
Max. Driving speed		4km/h
Мах	. Climbing ability	20°
Mir	n. Turning radius	2450mm
Gr	ound clearance	200mm
Actual con	crete spraying capacity	20m³/h
Sprayed concrete aggregate particle size		25mm
Н	opper volume	0.4m³
Hopper loading height		1.25m
Boom operation mode		Dual control: 16m wired + 100m wireless remote control
Max. Effective upward spraying range		7m
Max. Effective forward spraying range		6m
Max. Effective	downward spraying range	2m
Widest effective spraying range		12m
Air compressor exhaust rated pressure		0.55MPa
Accelerator pump type		Hose pump
Accelerator tank		External
Cable specifications		3×35+1×16mm²
	Cable length	60m

### Schematic diagram:









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Note: Due to different customer needs, the parameter settings may vary. Our company reserves the final right of interpretation for the above content. If you need product customization or to get a quote, please call the consultation hotline +86 15215510300 or send an email to lance@ah-jarlo.com