

XMPYT-36.8/300

Scaling rig

Product introduction:

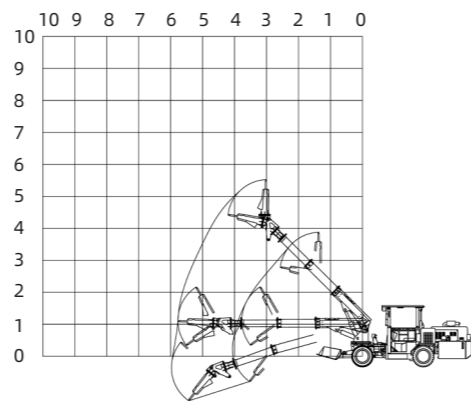
- The XMPYT-36.8/300 is a special scaling and clearing equipment developed for small and micro tunnels. It is mainly suitable for scaling operations in metal mines and various underground engineering tunnels. It can quickly and effectively remove the broken and unstable loosen stones on the top plate and both sides of the working surface after blasting operations to ensure the safety of personnel and equipment on the operation site. The equipment has strong passability, convenient and flexible operation, safety and reliability, and high work efficiency.



Main features:

- Electronic-controlled closed hydrostatic drive engineering chassis, four-wheel drive, large driving torque, high bulldozing capacity, and strong climbing performance.
- The liftable cab meets the mine safety ergonomic design, meets the FOPS and ROPS anti-smashing and anti-rolling standards, centralized control, reasonable layout, comfortable and convenient.
- The fully hydraulic telescopic and rotating mechanical arm has strong carrying capacity, stable movement, flexible operation, and no construction blind spots.
- The articulated ultra-narrow special chassis has a smaller turning radius and a narrower body, which can meet the operation needs of low and narrow shafts to the maximum extent.
- The breaker adopts the Korean engineer brand, with stable performance, flexible switching, high impact energy, and small recoil force.
- The electronic control system collects the engine speed and load information, summarizes and processes it, and accurately controls the displacement of the oil pump in real time, making the chassis more maneuverable and safer, preventing braking and overload stalling, and effectively protecting the engine and drive system.
- The boom is equipped with an overload protection system, which can effectively protect the boom and hydraulic cylinder during the contact scaling process.
- Equipped with a slag-clearing shovel, the blast pile can be cleaned up quickly and properly before mucking out, so that the scaling rig can go to the working surface to clean the loosen stones on the roof and side walls, which has better passability and stronger adaptability.

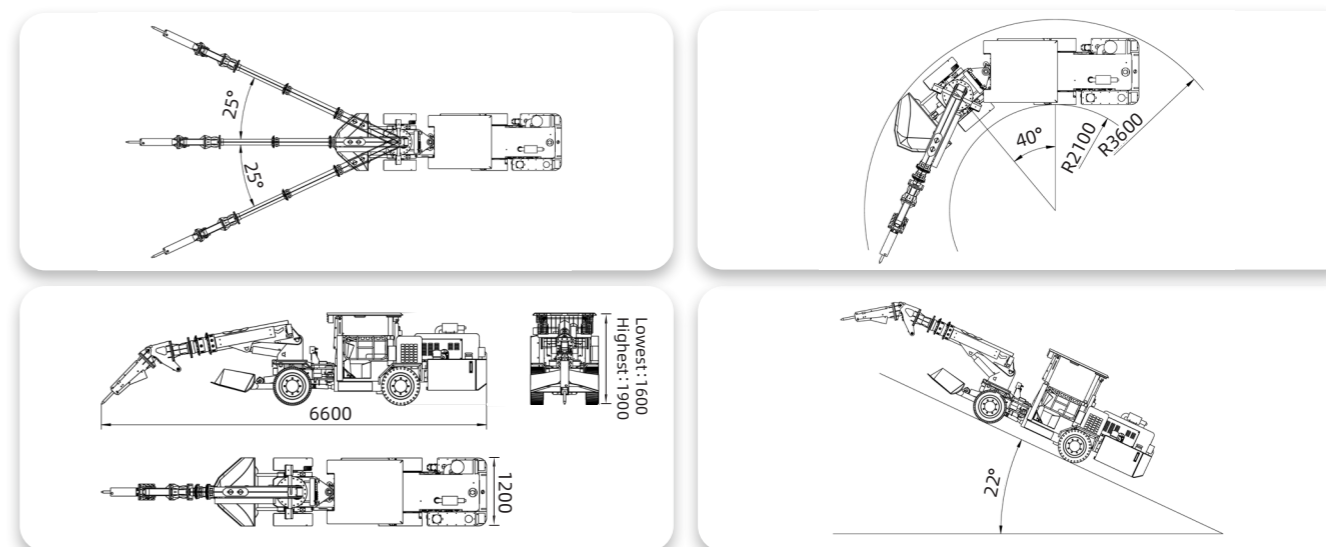
Working Scope:



Technical parameters:

Item	Parameter
Overall dimensions(L×W×H)	6600×1200×1600mm(Roof lowered) 6600×1200×1900mm(Roof raised)
Machine weight	5000kg
Engine rated power and speed	Yunnei 36.8kW/2400rpm
Cab	Liftable, with protective fence
Tires	Solid tires for mining
Drive mode, steering mode	Closed hydrostatic four-wheel drive, articulated steering
Max. Driving speed	9km/h
Max. Climbing ability	22°
Min. Turning radius	Inner: 2100mm; Outer: 3600mm
Steering angle	40°
Ground clearance	180mm
Max. Scaling height	5500mm
Working arm left and right swing angle	±25°
Hammer head left and right swing angle	90°
Hammer head up and down swing angle	135° (Boom Included)
Breaker manufacturer	Original imported Korean GB
Breaker weight	60kg
Breaker impact energy	300J
Breaker impact frequency	13~24Hz(Adjustable range)
Drill rod diameter	40mm

Schematic diagram:



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