# **XMPYT-96/700** - Scaling rig

**Product introduction:** 

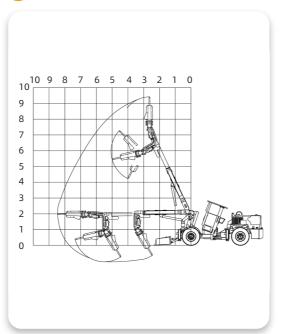
• XMPYT-96/700 is a special equipment for scaling and clearing large and medium-sized tunnels. It is mainly suitable for scaling operations in metal mines and various underground engineering tunnels. It can quickly and effectively remove the broken and unstable loosen stones on the top plate and both sides of the working face after blasting operations to ensure the safety of personnel and equipment on the operation site. The equipment is easy and flexible to operate, safe and reliable, and has high work



#### **Main features:**

- The hydraulic torque converter and gearbox drive the engineering chassis, fourwheel drive, large driving torque, high bulldozing capacity, and strong climbing
- The cab meets the mine safety ergonomic design, has passed the two international certifications of FOPS anti-falling objects and ROPS anti-rollover, centralized control, reasonable layout, comfortable and convenient; at the same time, the cab can be raised and lowered, pitched, and convenient for personnel to operate accurately.
- The hydraulic wet dual brake system, driving oil brake, parking closed spring brake, meet the safety use requirements of long ramps and low tunnels in the
- The fully hydraulic telescopic and rotating mechanical arm has strong carrying capacity, stable movement, flexible operation, and no construction blind spots.
- The articulated special chassis has a smaller turning radius, which can meet the needs of mine and tunnel operations to the maximum extent.
- The breaker adopts the Korean engineer brand, with stable performance, flexible steering, high impact energy, small recoil force, and long service life.
- The reinforced engineering chassis design enhances the rigidity and strength of the vehicle body, the vehicle weight is larger, and the scaling and crushing
- The boom is equipped with an overload protection system, which can effectively protect the boom and hydraulic cylinder during the contact-type scaling
- It is equipped with a slag-clearing shovel, which can quickly and properly clean the blast pile before mucking out, so that the scaling rig can go to the working face to clean the floating stones on the top plate and the side wall, with better passability and stronger adaptability.

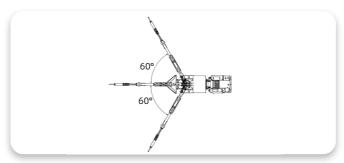
## **Working Scope:**

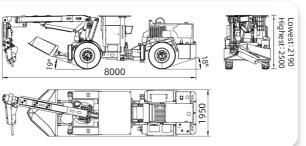


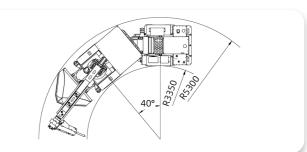
### **Technical parameters:**

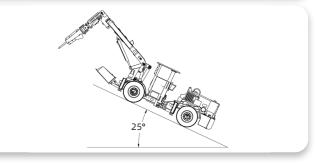
Item	Parameter
Overall dimensions(L×W×H)	8000×1950×2190mm( Roof lowered ) 8000×1950×2500mm( Roof raised )
Machine weight	11800kg
Engine rated power and speed	Cummins 96kW/2200rpm
Cab	Front protective fence
Tires	Solid mining tires
Drive mode, steering mode	Four-wheel drive with torque converter, articulated steering
Max. Driving speed	20km/h
Max. Climbing ability	25°
Min. Turning radius	Inner:3350mm; Outer:5300mm
Steering angle	40°
Ground clearance	260mm
Max. Scaling height	9200mm
Working arm left and right swing angle	±60°
Hammer head left and right swing angle	180°
Hammer head up and down swing angle	180° ( Boom included )
Breaker manufacturer	Original imported Korean GB
Breaker weight	165kg
Breaker impact energy	700J
Breaker impact frequency	7.5~12.5Hz( Adjustable range )
Drill rod diameter	68mm

## **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

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