

JDY Series

Concrete Mixing loader

Product introduction:

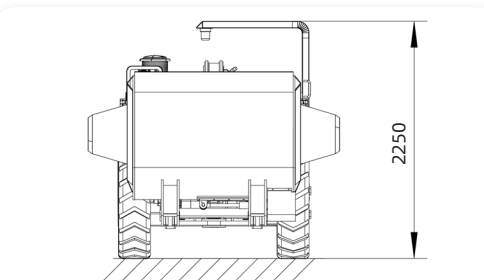
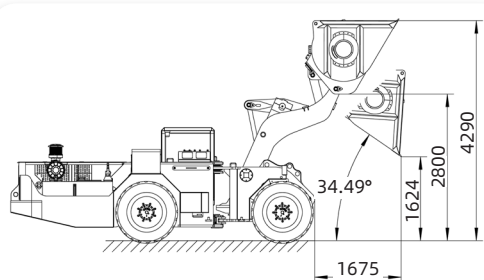
- JDY series concrete mixing loaders are special loading equipment that integrates shoveling, transportation, mixing, unloading and other functions. It is mainly used for shoveling, mixing and transporting concrete and sand and gravel in mine shafts and tunnels, and has automatic unloading function. The vehicle is convenient and flexible to operate, safe and reliable, and has high working efficiency. It can continuously supply materials for wet spraying operations of Jarlo mining concrete spraying machines, effectively improving wet spraying efficiency and economic benefits.



Main features:

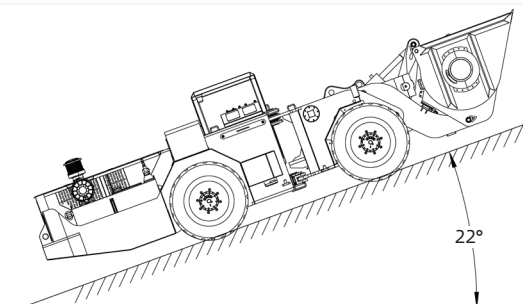
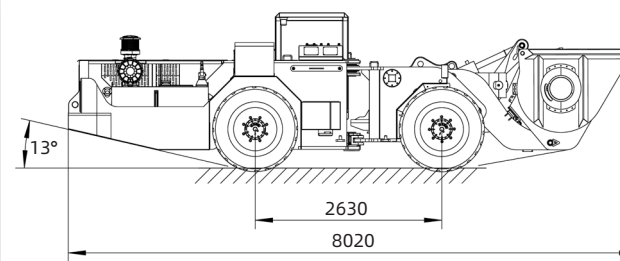
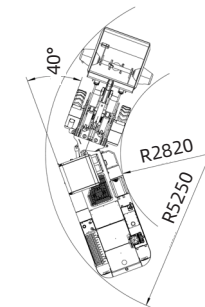
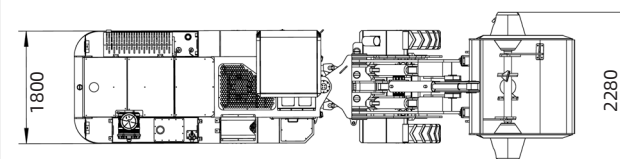
- Small appearance, convenient operation (lifting arm, tipping bucket, mixing, driving, turning), suitable for narrow mine tunnels.
- Two low-speed and high-torque inner-curve radial piston mixing motors are used, which have small body, large torque and long life.
- Adopt hydraulically controlled stepless variable speed mixing motor.
- The mixing bucket is made of high-strength steel plate with long service life; the detachable mixing blades are used, which are easy to replace and have low maintenance costs.
- Equipped with a high-pressure common rail engine (190hp), strong power and low energy consumption.
- Adopt Haihong hydraulic braking system, closed hydrostatic drive, high reliability, strong climbing ability and good control performance.
- The lifting arm adopts double cylinders, symmetrically placed, stable structure and strong lifting capacity.
- Adopt articulated body, which can be disassembled for going down the well under special conditions, flexible steering and large steering angle ($\pm 40^\circ$).
- Service brake: adopts oil bath multi-disc brake, hydraulic type, with independent circuit.
- Parking brake: spring brake, hydraulic release.

Schematic diagram:



Technical parameters:

| Item | JDY-2J Parameter |
|------------------------------|---|
| Overall dimensions(L×W×H) | 8020×2280×2250mm |
| Machine weight | 12000kg |
| Engine rated power and speed | Yuchai 140kW/2200rpm |
| Tires | Mining pneumatic tire |
| Drive mode, steering mode | Closed hydrostatic four-wheel drive, articulated steering |
| Braking system | Driving: Hydraulic wet brake, dual-axle independent hydraulic power-assisted dual-circuit oil-immersed multi-disc brake Parking: Closed spring brake, hydraulic release, fail-safe parking brake |
| Max. Driving speed | 11km/h |
| Max. Climbing ability | 22° |
| Min. Turning radius | Inner: 2820mm; Outer: 5250mm |
| Steering angle | 40° |
| Ground clearance | 245mm |
| Wheelbase | 2630mm |
| Track | 1500mm |
| Max. Torque of mixing motor | 40000N·m |
| Max. Volume | 2m ³ |
| Max. Unloading height | 2800mm |
| Max. Unloading distance | 1400mm |
| Max. Lifting height | 4290mm |



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