

A large yellow excavator is shown working at a construction site, with its arm extended and bucket digging into the earth. The background is a hazy, industrial-looking environment with other equipment visible.

ENGIRISE

EXCAVATOR

Model Name: EN300

HEAVY-DUTY POWER, RELIABLE PERFORMANCE

Implementation Details:

The EN300 Excavator is engineered for strength, precision, and all-day performance. Designed to handle the toughest construction, mining, and infrastructure tasks, it delivers seamless control, powerful digging, and long-lasting reliability. Its rugged build and advanced hydraulics ensure smooth operation, minimal downtime, and maximum output — even in the most demanding conditions.

Built around operator comfort and smart efficiency, the EN300 features a spacious cabin with excellent visibility and intuitive controls. Its intelligent design enhances productivity while reducing fuel consumption and emissions. Adaptable to various attachments and working modes, the EN300 offers unmatched flexibility for every job site.

Key Advantages:

- Exceptional power and digging performance
- Smooth, precise hydraulic control
- Durable build for extended service life
- Low fuel consumption and eco-friendly operation
- Comfortable, vibration-free cabin
- Easy maintenance and reduced downtime
- Versatile compatibility with multiple attachments
- Intelligent monitoring and control system
- Reliable performance in all working conditions



Key Features & Technical Specifications

- **Engine Model:** Cummins QSB7 – 169 kW, reliable and fuel-efficient (optional Dongfeng Cummins CTA8.3-260 / 194 kW @ 2000 rpm)
- **Rated Power:** 169 kW @ 2000 rpm
- **Displacement:** 8.3 L
- **Hydraulic System:** KPM pump, valve, and swing motor for precision operations
- **Hydraulic Pump Model:** K5V160DT
- **Max. Hydraulic Flow:** 265 × 2 + 30 L/min
- **Working Pressure:** 34.3 MPa
- **Hydraulic Tank Volume:** 310 L
- **Drive Motor:** Doosan – robust for multiple terrains
- **Swing Speed:** 9.4 r/min
- **Walking Speed (High/Low):** 4.6 / 2.8 km/h
- **Climbing Ability:** 35°
- **Traction Force:** 283 kN
- **Ground Pressure :** 65.1 kPa
- **Bucket Excavation Force:** 145 kN
- **Arm Digging Force:** 179 kN
- **Max. Digging Depth:** 6,480 mm (optional 7002 mm configuration)
- **Max. Vertical Arm Digging Depth:** 5,960 mm
- **Max. Digging Height:** 9,410 mm (optional 10,010 mm configuration)
- **Max. Unloading Height:** 6,974 mm
- **Max. Digging Distance:** 10,737 mm
- **Max. Digging Distance on Ground:** 10,540 mm
- **Digging Radius at 2.5 m Depth:** 6,820 mm
- **Minimum Turning Radius:** 4,282 mm
- **Tail Swing Radius:** 3,418 mm
- **Turntable Width:** 2,995 mm
- **Counterweight Height:** 2m,210 m
- **Counterweight Ground Clearance:** 1,210 mm
- **Minimum Ground Clearance:** 523 mm
- **Track Grounding Length:** 4,030 mm
- **Track Length:** 4,622 mm
- **Track Shoe Width:** 600 mm
- **Track Gauge:** 2,590 mm
- **Grounding Length (Transport):** 5m,678 m
- **Distance from Rotation Center to Rear End:** 3,418 mm
- **Overall Dimensions (L × W × H):** 10,881 × 3,190 × 3,280 mm
- **Boom Length:** 6,250 mm
- **Arm Length:** 3,050 mm
- **Cabin:** Spacious, air-conditioned cabin with ergonomic joystick control
- **Cooling System:** Oil cooler for stable hydraulic performance
- **Electrical System:** 24 V system with safety isolator
- **Additional Features:** Pre-installed hammer pipe hose and mud cleaner
- **OEM Options:** Pantone 144 color, OEM startup logo screen
- **Safety & Comfort:** ROPS certified cabin, LED working lights, rear-view camera (optional)

The **EN300** 30-Ton Excavator delivers unmatched power, precision, and operator comfort.

Reach out today for a quotation, demo, or OEM customization to bring efficiency and reliability to your site.

EN300 **EXCAVATOR**

Heavy-Duty Power | Reliable Performance



About Us

Founded in 2014, Engirise is a global manufacturer delivering industrial machinery that powers industries worldwide. Our mission is to redefine industrial solutions through innovation, quality, and customer success.

Driven by engineering excellence, we empower industries to build smarter, safer, and more sustainable futures.

Connect With Us

 info@engirise.world |  engirise.world