

**YOUR VISION
DESERVES THE BEST**

HEXL



MEET YOUR VERSATILE NEW BACKHOE LOADER.
DESIGNED TO DELIVER MORE OF WHAT MATTERS TO YOU.

HEXL 420_x SuperBackhoe

TRANSFORMING VISIONS INTO REALITY



420X

ENGINE

Brand, Model	Cummins/4BT3.9-C100
Number of cylinders	4
Max. Power	102 HP (75 Kw) @2400 rpm
Max. Torque	330 Nm @1500 rpm
Displacement	3.9L
Bore & Stroke	ø 102 x 120 mm
Emission Class	Stage II/Stage III

High power and torque output, water cooled turbocharged diesel engine and Variable Piston Pump for fuel efficiency.

AXLES

Front drive axle WZZD75

- Incorporates advanced overseas engineering technologies.
- Cast-steel axle housing provides high load capacity and excellent rigidity.
- Centrally positioned transmission shaft and swing-type central swing shaft.
- Internal structure includes central reducer, transmission differential, and end planetary reducer.
- Centrally positioned steering cylinder enables convenient and flexible steering.
- Independent oil circuit and full hydraulic steering system with a 50° steering angle.

Rear drive axle ZL30

- Two-stage decelerating structure for drive axle.
- Spiral bevel gears ensure high bearing capacity and efficiency for the main drive.
- Planetary decelerating wheel structure for enhanced performance.
- Equipped with a common bevel-gear differential mechanism for simplicity and flexibility.
- Cast-steel axle housing provides adequate rigidity.
- High braking torque with clamp-disc brakes.

DRIVING SPEED

1st gear	6 km/h
2nd gear	12 km/h
3rd gear	22 km/h
4th gear	40km/h

TRANSMISSION

- torque-converter
- Electrically controlled 2 Wheel drive or 4 Wheel Drive selection
- 4 forward, 4 reverse gears
- Transmission oil cooler

CAB&HOOD

- Ergonomic and aesthetic interior design for comfort and efficiency.
- Widened visual angle for enhanced operator visibility.
- Adjustable steering wheel for operator convenience.
- Durable pool-type floor mats for easy cleaning and maintenance.
- Storage boxes for practical equipment organization.
- High-capacity air conditioning system with improved ventilation through 16 air nozzles.
- Equipped with both heater and air conditioning for optimal climate control.
- Cold Start Kit ensures reliable operation in extreme weather conditions.
- ROPS (Roll-Over Protective Structure) and FOPS (Falling-Object Protective Structure) certified cabin for superior operator safety.
- Emergency stop function for operator safety.
- Loader boom lock for additional safety during maintenance.
- Smooth joystick with hydraulic pilot control for precise and effortless operation.
- Multi-purpose 6-in-1 bucket with proportional control for versatile functionality.
- 10 inches LCD display positioned on the side console for operational insights.
- Touchscreen entertainment system for added convenience and operator engagement.
- Radio with Bluetooth connectivity for entertainment and communication.
- 360 Degree Camera with AI assist technology for enhanced visibility and operational safety.
- Interior LED lighting for better visibility in low-light conditions.

HYDRAULIC SYSTEM

Hydraulic Pump- Variable piston Pump, Le-Hydraulix, Brand of Bosch Rexroth, Germany

Multiway Valve	Le-Hydraulix, Brand of Bosch Rexroth, Germany
Max Torque	330Nm@1500rpm
Main Pump Flow	160L/min
Max Pressure	26Mpa
Auxiliary Pump Flow	50L/min

TIRES

Front	14-17.5
Rear	19.5-24

FILLING CAPACITIES

Engine oil pump	7L
Engine cooling system	20L
Fuel Tank	125 L
Hydraulic oil tank	125 L
Transmission oil	35 L

OPERATING WEIGHT

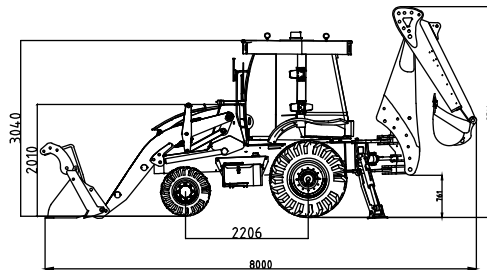
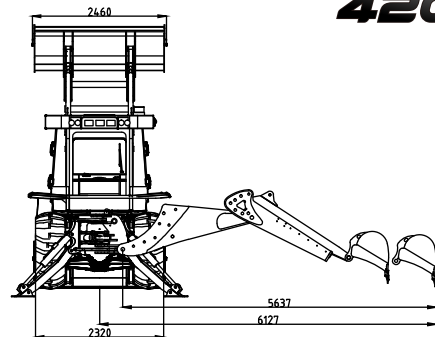
Operating weight with standard equipment 9250 Kgs

Operational weight, complying with the ISO 6016 standards, includes full fuel tank, hydraulic system and other liquids, 75 kg operator weight and standard equipped machine weight. Optional equipments are not included.

BUILT TO PERFECTION



420x



LOADER PERFORMANCE

6 in 1 bucket capacity	1.2m³
Max. bucket breakout force	47KN
Max. loading arm breakout force	47KN
Lifting capacity to max. height	2500KG

BACKHOE PERFORMANCE

	Standard arm	Telescopic arm extended	Telescopic arm retracted
Bucket capacity	0.3m³	0.3m³	0.3m³
Max. bucket breakout force	45KN	45KN	45KN
Max. arm breakout force	57.9KN	36.4KN	51.3KN

ADVANTAGES AND CHARACTERISTICS



Omnipotent
working condition



Quick change system



security system



Strong power



Excellent Hydraulic



Flexible mobility



Sturdy structure



Accurate control

MULTIPLE ATTACHMENTS



Front Larger
Bucket



Dozing Blade



6 in 1 Bucket
with Auger



Log Grappler



A Type Log
Grappler



Pallet Fork



Rear Larger
Bucket



Hammer



Auger



Rear Claw
Grappler



Rear Ripper



Trench Bucket