

93 kW	1.3 m³	0.35 m³	5,100 mm
125 HP ENGINE	LOADER BUCKET	BACKHOE BUCKET	MAX. DIGGING DEPTH

EX420 - VERIFIED PERFORMANCE SNAPSHOT

Operating weight	8,000 kg
Transport dimensions	6,450 x 2,300 x 3,700 mm
Wheelbase / clearance	2,250 / 300 mm
Drive	4 x 4 (4WD)
Engine	Cummins 4BTA3.9-C125, 93 kW
Loader lifting capacity	2,800 kg
Loader breakout force	38 kN
Loader dump height / reach	2,800 / 1,162 mm
Backhoe bucket width	620 mm
Backhoe digging force	46.5 kN
Backhoe swing angle	190°
Hydraulic operating pressure	22 MPa
Hydraulic pump	Bosch
Transmission / max. speed	2 forward, 2 reverse / 40 km/h

MACHINE DETAILS



FRONT LOADER
1.3 m³ bucket | 2,800 kg lifting



BACKHOE FUNCTION
0.35 m³ bucket | 190° swing

Product images illustrate a machine configuration; installed options must be confirmed per order.
Technical values follow the updated supplier specification; see page 2 for details.

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DANNII EX420

BACKHOE LOADER | TECHNICAL DATA

UPDATED SPECIFICATION

OCT 2026







GENERAL & ENGINE

Operating weight	8,000 kg
Dimensions (L x W x H)	6,450 x 2,300 x 3,700 mm
Wheelbase	2,250 mm
Ground clearance	300 mm
Drive mode	4 x 4 (4WD)
Engine model	Cummins 4BTA3.9-C125
Engine type	Direct-injection, 4-stroke
Engine cooling	Water-cooled
Rated engine power	93 kW (approx. 125 HP)

FRONT LOADER

Bucket capacity	1.3 m³
Lifting capacity	2,800 kg
Breakout force	38 kN
Bucket dumping height	2,800 mm
Bucket dumping reach	1,162 mm

BACKHOE

Bucket capacity	0.35 m³
Bucket width	620 mm
Maximum digging depth	5,100 mm
Optional digging depth	6,200 mm*
Swing angle	190°
Bucket digging force	46.5 kN
Dipper digging force	31 kN

HYDRAULICS & STEERING

Hydraulic pressure	22 MPa
Hydraulic pump	Bosch
Control system	Electro-hydraulic pilot
Steering angle	±36°
Minimum turning radius	6,581 mm
Steering pressure	12 MPa

DRIVETRAIN / AXLES

Torque converter	YJ300
Gearbox	Fixed-shaft power shift
Gear selection	2 forward / 2 reverse
Maximum travel speed	40 km/h
Maximum pulling force	39 kN
Axle manufacturer	Feicheng Yunyu
Main reduction	Double reduction
Final reduction	Single-stage

TYRES, BRAKES & FUEL

Front tyre size	14-17.5
Rear tyre size	19.5L-24
Tyre pressures (F / R)	0.22 / 0.22 MPa
Service brakes	Air-over-oil caliper
Emergency brake	Manually operated
Fuel tank	125 litres

LOADER CYCLE TIMES

Bucket lifting	5.4 seconds
Bucket lowering	3.1 seconds
Bucket discharge	2.0 seconds

*** 6,200 mm is an optional digging-depth configuration, not the standard machine.**

Configuration, options and supporting documents must be confirmed before quotation.

Specifications are subject to change by the manufacturer without notice.

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