

DEVELON

Crawler Excavator — Car Dismantler

DX235LCR-7

Recycling Made Smarter: The Develon Car Dismantler
Maximize efficiency and precision in car recycling with the Develon D235LCR-7 Car Dismantler. Built for end-of-life vehicle processing, this compact and powerful excavator fits right into any recycling facility, making it easy to operate even in tight spaces. Equipped with a specialized dozer blade attachment, it secures vehicles in place while enabling precise removal of valuable components like engines, catalytic converters, and wiring. With advanced Develon engineering, multiple power modes, and fuel-efficient performance, the DX235RTF-7 delivers the perfect balance of productivity, safety, and costeffectiveness for your dismantling needs.

Engine

Model	Develon DL06V
No. of cylinders	6
Rated power at 1 900 rpm	SAE J1995: 141 kW (189 hp) SAE 1349: 127 kW (170 hp)
Max. torque at 1 400 rpm	82 kgf·m
Idle (low – high)	800 (±10) – 2 000 (±25) rpm
Displacement	5 890 cm³
Bore × stroke	100 × 125 mm
Starter	24 V / 6 kW
Batteries – Alternator	2 × 12 V, 100 Ah – 24 V, 100 A
Air filter	Double element air cleaner

Undercarriage

Upper rollers (standard shoe)	2
Lower rollers	8
Number of links & shoes per side	49
Link pitch	190 mm

Hydraulic cylinders

Cylinders	Quantity	Bore × rod diameter × stroke (mm)
Articulated boom, upper	2	130 × 90 × 1 280
Articulated boom, lower	1	150 × 100 × 1 300
Arm for articulated boom	1	140 × 100 × 1 450

Hydraulic system

Main pump	1 × variable displacement tandem axial piston pump
Maximum flow at 1 900 rpm	2 × 222.3 l/min
Pilot pump	Gear pump
Maximum flow at 1 900 rpm	26 l/min
Relief valve setting	
– Implement	350/370 kgf/cm²
– Travel	350/365 kgf/cm²
– Swing	300 kgf/cm²
– Pilot	40 kgf/cm²

Cab

A-weighted emission sound pressure level at the operator's position, LpA (ISO 6396:2008)	
– Declared	72 dB(A)
– Measured	71 dB(A)
A-weighted sound power level, LwAd (2000/14/EC)	
– Declared	103 dB(A)
– Measured	102 dB(A)

Swing mechanism

Maximum swing speed	11.5 rpm
Maximum swing torque	9 626 kgf·m

Fluid Capacities

Fuel tank	310 l
Cooling system (radiator)	30.7 l
AdBlue® (DEF) tank	31.5 l
Hydraulic oil tank	190 l
Engine oil	27 l
Swing drive	5 l
Travel device	2 × 4 l

Drive

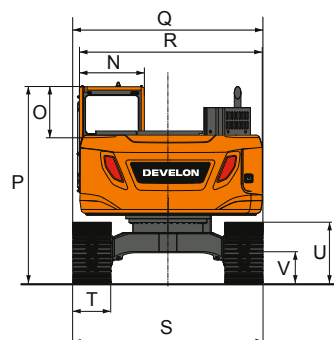
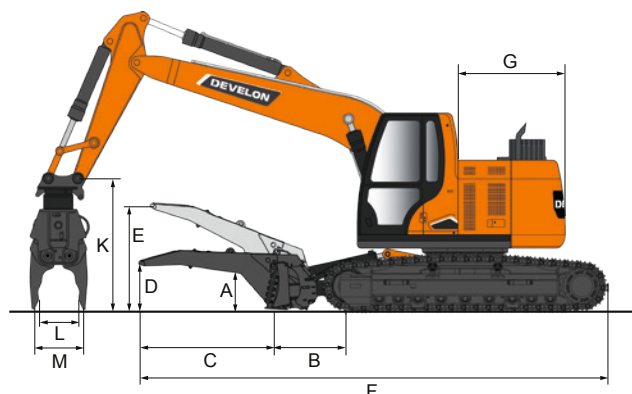
Travel speed (low - high)	3.2 – 5.8 km/h
Maximum traction	29.2 t
Maximum gradeability	35° / 70%

Component weights

Item	Unit	Weight	Remarks
Upper structure without front	kg	12 421	With counterweight
Lower structure assembly	kg	7 724	LC, 600 mm shoe
Counterweight	kg	6 450	7 466 (7.45 t option)
Front assembly	kg	4 233	
5.7 m mono boom	kg	1 482	Including bushing
2.9 m arm	kg	687	

NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for Develon Crawler excavator in standard configuration. Pictures of Develon Crawler excavator may show other than standard equipment. All dimensions are shown in millimeters. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications Develon construction equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

Dimensions



Description		Unit	
A	Machine blade height from ground	mm	594
B	Idler centre to blade edge	mm	1 120
C	Attachment overall extension	mm	2 175
D	Attachment height (blade on ground)	mm	550
E	Attachment overall height	mm	1 720
F	Total undercarriage length	mm	7 343
G	Tail swing radius	mm	1 724
	Total weight of hold down legs	kg	1 110
K	Overall attachment length	mm	2 130
L	Attachment opening	mm	615
M	Overall attachment width	mm	775
	Centre of gravity from boom end pin	mm	820
	Total weight of precision pincer	kg	1 400

Description		Unit	
N	Cab width	mm	1 022
O	Cab height above house	mm	679.5
P	Height over cab	mm	3 123
Q	Shipping width	mm	2 990
R	House width	mm	2 870
S	Undercarriage width	mm	2 990
T	Shoe width	mm	600
U	Track height *	mm	883
V	Ground clearance *	mm	450.5

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Powered by Innovation

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Certain specifications are based on engineering calculations and are not actual measurements. Specifications are provided for comparison purposes only and are subject to change without notice. Specifications for your individual Develon equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Develon units may show equipment other than standard equipment.