DEVELON

SIAM SUN AUTOSALES

DEVELON

DX140LC

Crawler Excavator

- Operating Weight 14,000 kg
- Bucket Capacity 0.5 m³
- Rated Power 95 HP / 1,850 rpm

Siam Sun Autosales CO.,LTD.
99 Song Khanong Subdistrict Sam Phran
District, Nakhon Pathom Province 73210
sales.admin@siamsunautosales.com
Tel. +66 81 378 5151
www.siamsunautosales.com

Develon XGMA by Siam Sun
siamsun.autosales
Develon XGMA by Siam Sun
@siamsun

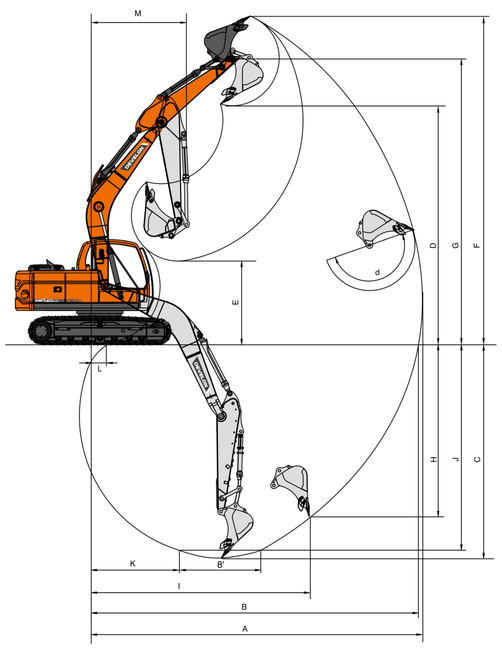
@siamsun

DX140LC
Crawler Excavator

SPECIFICATION

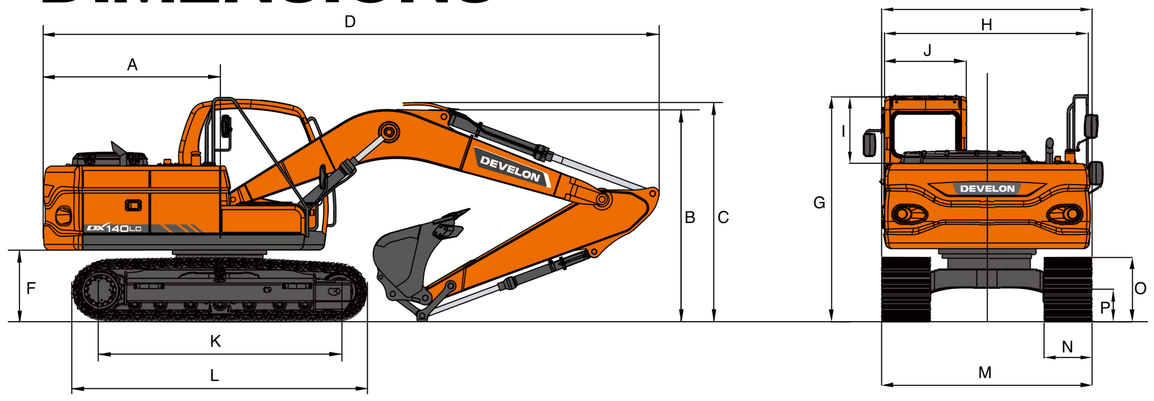
Description	Unit	
Operating Weight	kg	14,000
Bucket Capacity	m^3	0.5
Boom Length	mm	4,600
Arm Length	mm	2300 / 2500
Battery		2 x 12 V / 100 Ah
Starter Motor		24 V / 4.5 kW
Engine	**Unit**	
Model	-	DEVELON DL06 (Common Rail)
Engine Type		4 valves per cylinder, vertical fuel injection, water-cooled, turbocharged with air-to-air intercooler
Rated power	HP / rpm	95 / 1,850
Max. torque	kg.m / rpm	44.5 /1400
Max. Travel Speed	km/h	4.7 / 3.0
Max. Tractive Effort	kg	7,700
No. of Cylinders & Stroke		6
Displacement	cc	5,890
Fuel Tank Capacity	Liter	280
Hydraulic Tank Capacity	Liter	150
Bucket Digging Force	kgf	10,140

WORKING RANGES

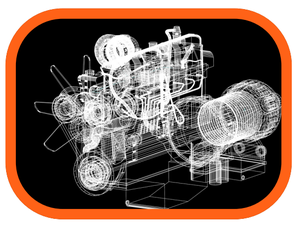


Working range	Unit		
A. Max. Digging Reach	mm	7,845	8,300
B. Max. Digging Depth	mm	7,690	8,156
C. Max. Digging Height	mm	5,250	5,645
D. Max. Dumping Height	mm	5,875	6,300
E. Min. Swing Radius	mm	2,569	2,166
F. Overall Length	mm	8,195	8,675
G. Overall Width	mm	7,110	7,535
H. Boom Height from Ground	mm	3,810	4,560
I. Cab Height	mm	5,690	5,555
J. Tail Swing Radius	mm	4,950	5,420
K. Ground Clearance	mm	1,850	1,960
L. Upperstructure Ground Clearance	mm	1,005	265
M. Engine Hood Height	mm	2,345	2,375
d. Upperstructure Width	(°)	173	173

DIMENSIONS

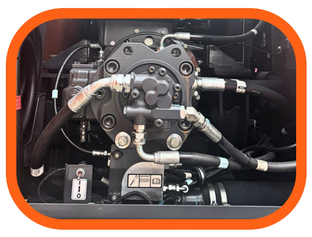


Dimensions	Unit	
A. Tail Swing Radius	mm	2,200
B. Overall Height	mm	2,630
C. Height to Top of Piping	mm	2,710
D. Overall Length	mm	7,680
E. Overall Width	mm	2,590
F. Counterweight Ground Clearance	mm	894
G. Cabin Height	mm	2,773
H. Upperstructure Width / Machine Width	mm	2,540
I. Cab Height Above Upperstructure	mm	835
J. Cabin Width	mm	960
K. Tumbler Distance	mm	3,034
L. Track Length	mm	3,755
M. Undercarriage Width	mm	2,590
N. Track Shoe Width	mm	700
O. Track Height	mm	728
P. Track Gauge	mm	410



Hydraulic System

EPOS™ (Electronic Power Optimizing System)
The heart of the hydraulic system is the e-EPOS, which optimizes operational efficiency for all working conditions and reduces fuel consumption. It seamlessly connects with the engine control unit for fully synchronized performance.



Swing System

- **Drive & Torque** Driven by an axial piston motor through a two-stage reduction gear, increasing torque for faster swing speeds.
- **Gear & Lubrication** The internal gear is induction-hardened and immersed in an oil bath for optimal lubrication.
- **Parking Brake** The parking brake is spring-applied and hydraulically released.

Drive System

Motor & Transmission Driven by independent axial piston motors through planetary reduction gearsets.
Control & Operation Dual control levers with pedals ensure smooth movement, featuring counter-rotation capability on demand.

Undercarriage / Chassis

Structure & Strength Features an ultra-strong chassis with fully welded construction engineered to minimize stress. Built with high-quality materials for maximum durability.
Side Frames Side frames are securely welded directly to the undercarriage.

CONTACT US

Siam Sun Autosales CO.,LTD.
99 Song Khanong Subdistrict Sam Phran District,
Nakhon Pathom Province 73210
sales.admin@siamsunautosales.com
Tel. +66 81 378 5151
www.siamsunautosales.com

LINE
@siamsun