

HX505L

Tier 4

Rated Power
280kw/2,100rpm

Operating Weight
51,900kg

Bucket(Rock)
2.79m³



* This sample may contain optional configurations, painting styles, and design changes

SPECIFICATIONS

ENGINE

Manufacturer	-	Cummins
Model	-	X12
Emission Standard	-	CS4
Rated Power(gross)	kW/hp/ps/rpm	280/375/381/2100
Rated Power(net)	kW/hp/ps/rpm	276/370/375/2100
Max. Torque	N.M/rpm	1966 /1400
Piston Displacement	cc	11,800
No. of cylinder-Bore x Stroke	EA-mm	6-132×144
Battery	EA - V x AH	2-12×200
Starting Motor	V/kW	24/7.5
Alternator	V/A	28/110

HYDRAULIC SYSTEM

MAIN PUMP		
Max. Flow	l/min	2×390
PILOT VALVE		
Max. Flow	l/min	27
Working Pressure	kgf/cm ²	40
MAIN CONTROL VALVE		
Working Pressure	kgf/cm ²	330(360)
Max. Flow	l/min	2 x 390
Type	-	Integral

SPECIFICATIONS

Swing Speed	rpm	9
Swing Torque	kN.m	162
Travel Speed	km/hr	5.2/3.3
Gradeability	deg	35
Max. Drawbar Pull	ton	42.8

UNDERCARRIAGE

Carrier Rollers	EA(Each Side)	2
Track Rollers	EA(Each Side)	9
No. of Shoes	EA(Each Side)	53
Ground Pressure	kgf/cm ²	0.89

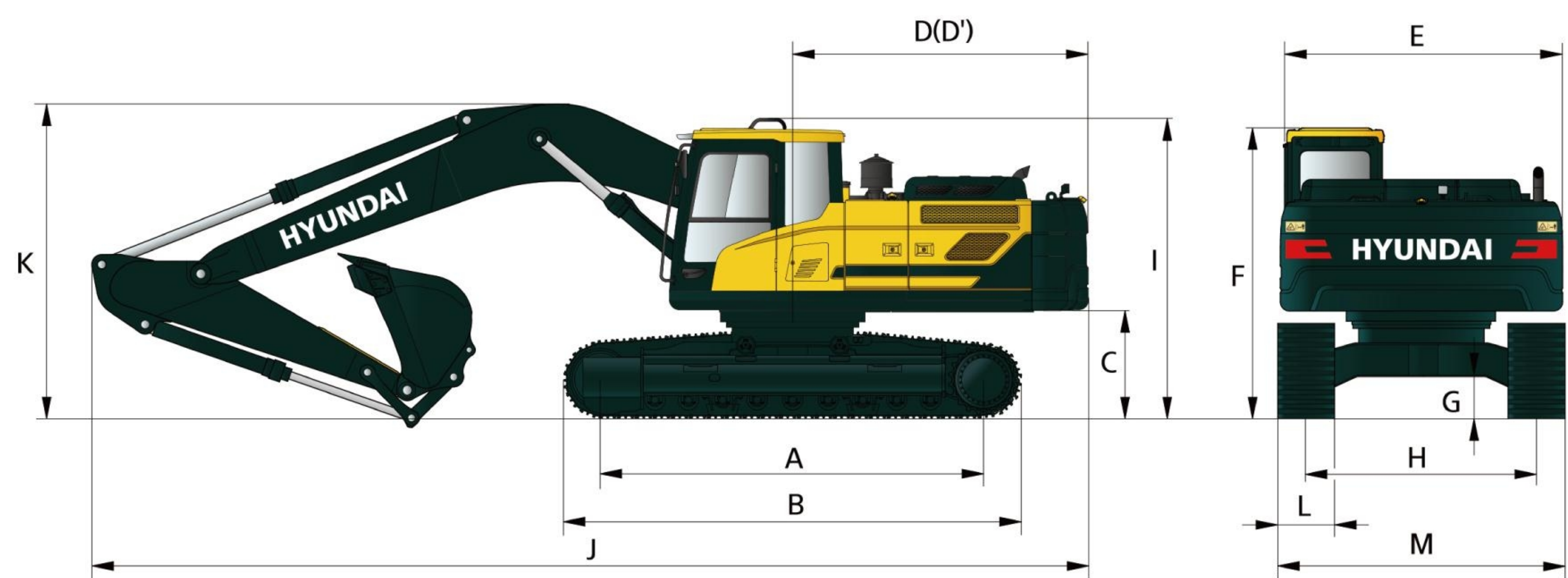
WORKING DEVICE

Boom Length	mm	6,550
Arm Length	mm	2,900
Bucket Capacity(Standard)	m ³	2.79
Bucket Digging Force (ISO)[Boost]	ton	28.42[31.00]
Arm Digging Force (ISO)[Boost]	ton	23.27[25.38]

OTHERS

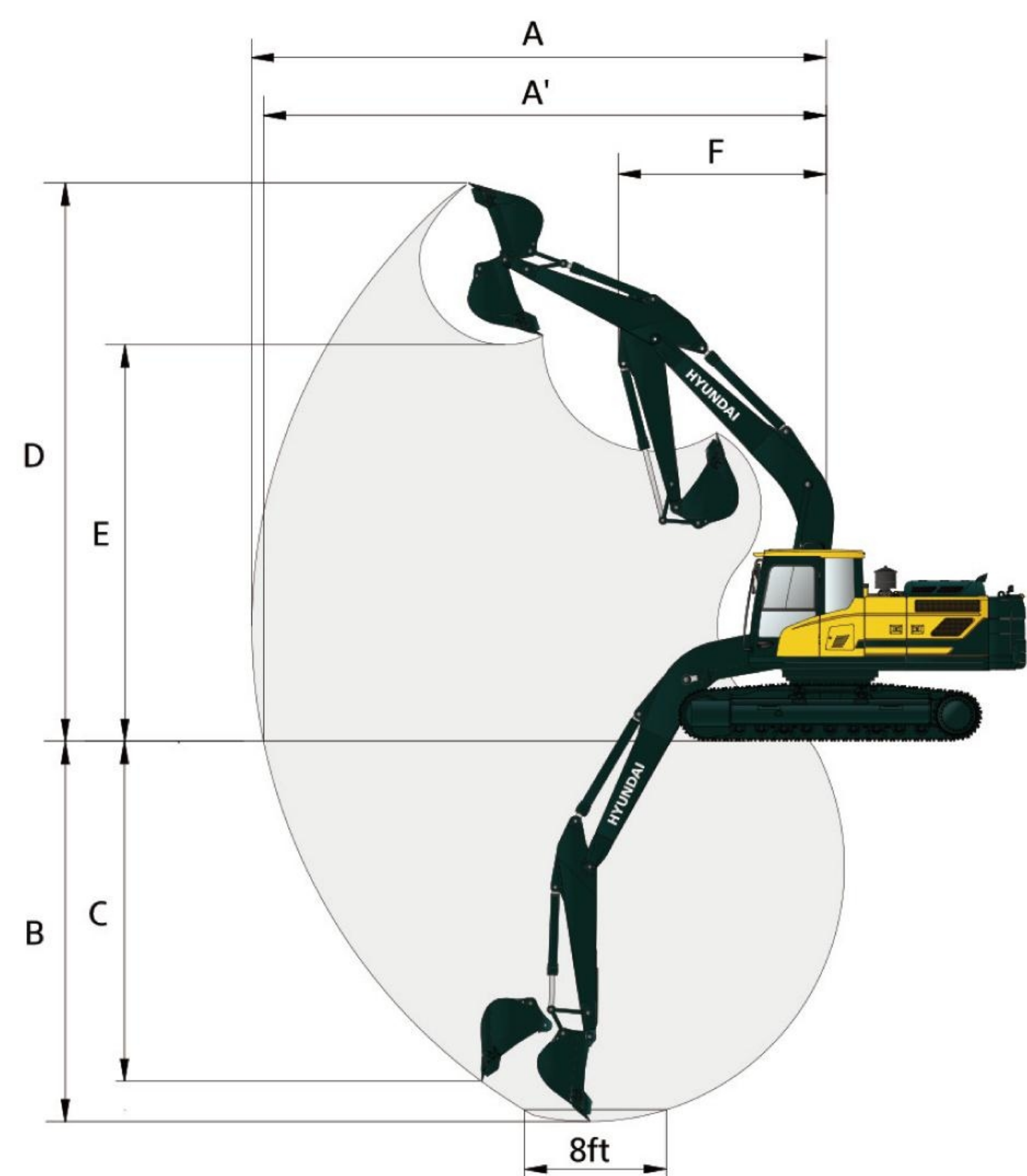
Fuel Tank	ℓ	605
Hydraulic Tank(System)	ℓ	300(560)
Engine Oil	ℓ	42
Engine Coolant	L	37
Urea Tank	L	70
Gear Oil of Swing Device	L	7.0×2
Gear Oil of Walking Motor	L	12×2
Intake Type		Turbocharged
Fuel Supply Mode		High Pressure Common Rail

DIMENSIONS & WORKING RANGE



Unit : mm

J Overall Length	11,700
M Overall Width	3,400
E Overall width of upperstructure	3,090
K Overall height of boom	3,940
F Overall height of cab	3,330
H Track gauge	2,740
A Tumbler distance	4,470
B Overall length of crawler	5,500
L Track shoe width(OPT)	600
G Min. ground clearance	590
C Ground clearance of counterweight	1,335
D Tail swing radius/Tail radius	3,745/3,800



	Standard
Boom Length	6,550mm
Arm Length	2,900mm
Bucket Capacity	2.79m ³
A Max. Digging Reach	11120mm
A' Max. Digging Reach on Ground	10895mm
B Max. Digging Depth	6800mm
B' Max. Effective Digging Depth	6645mm
C Max. Vertical Wall Digging Depth	4160mm
D Max. Digging Height	10560mm
E Max. Dumping Height	7240mm
F Min. Swing Radius	4485mm

▲ Please contact for special requirement of options.

