

SOOSAN

Hydraulic Rock Drill

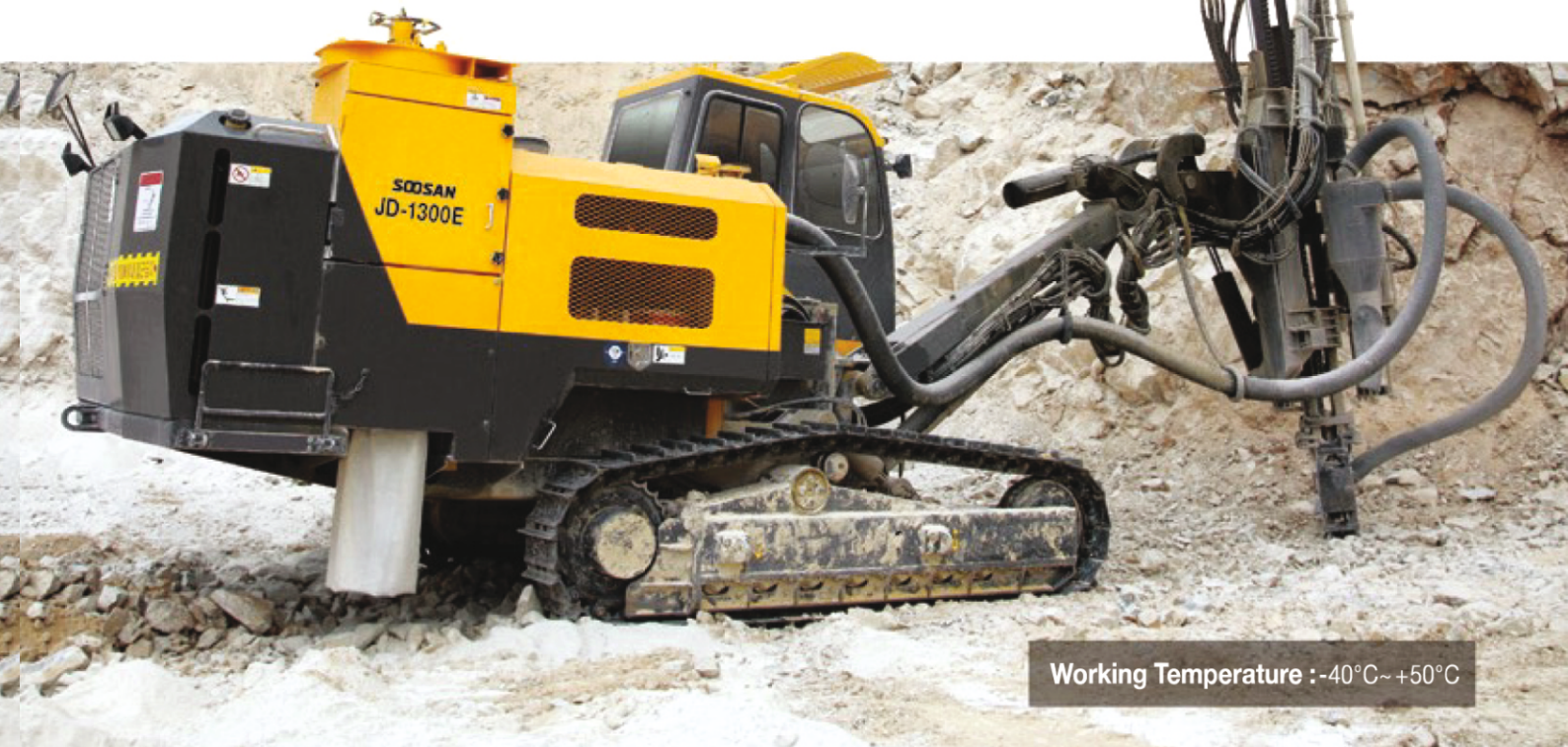


Reliable performance & economic production rate with longer life time
SOOSANCSM will be always there for you.



Operation Panel

Drilling operation features a pilot hydraulic control system. This simple and efficient system eliminates any potential electrical problems in the drilling circuit.



Working Temperature : -40°C ~ +50°C



Spacious Engine Room

Provides easy access and maintenance.



Safe Cabin

R.O.P.S/F.O.P.S-certificated cabin provides a safe working environment to operator.



Wide visibility

Multiple glass windows provide excellent visibility for drilling and operation.



Movable Dust Hood

Movable Dust Hood allows the operator to see the rod while allowing superb dust control.

Outstanding Gradeability

The optimal combination of a variable piston pump & traveling motor assures excellent mobility in all terrains.



Rod Changer

- Roller Type
- Carousel Type



Cyclone

Improves the life of the dust filters and increases the efficiency of the dust-control system by separating the larger pieces of aggregate at the front of the drill.



Powerful Dust Collector

High efficiency system, features powerful suction and multiple filters to improve drilling performance and allow the operator to easily view the drilling operation.



Centralized Electric Control Panel

Large Electrical Cabinet allows easy access to the electrical components when maintenance or troubleshooting is required.



Oscillation

Independent track oscillation provides safe, smooth and efficient mobility in rough terrain.

Specifications

GENERAL SPECIFICATION		JD-800	JD-800E (II)	JD-800ENC / L	JD-1300E	JD-1400E (II)	JD-1500E / L
Gross Weight	kg	10,850	12,000 (14,800)	11,700 / 12,800	14,700	16,000 (17,000)	17,400 / 17,600
Overall Length	mm	8,300	8,680 (10,100)	8,760 / 10,500	9,400	9,700 (10,500)	10,320 / 9,980
Overall Width	mm	2,475	2,475	2,475	2,420	2,490 (2,480)	2,420 / 2,830
Overall Height	mm	2,860	2,860 (3,390)	2,860 / 2,920	2,940	3,390 (3,450)	3,360 / 3,800

PERFORMANCE

Hole Range	mm	Ø65 ~ Ø102	Ø65 ~ Ø102	Ø65 ~ Ø102	Ø64 ~ Ø115	Ø102 ~ Ø127 (Ø89 ~ Ø127)	Ø102 ~ Ø127
Drilling Depth	m	15	18	18 / 20	25	25 (28)	25 / 28
Gradeability	°	30	30	30	28	28 (30)	30
Traveling Speed	km/hr	0 ~ 3.8	0 ~ 3.8 (3.3)	0 ~ 3.8	0 ~ 3.5	0 ~ 3.3	0 ~ 3.6

DIESEL ENGINE

Model (CUMMINS)	-	B5.9-C	B5.9C-TIER1 (QSB6.7-TIER4)	B5.9C - TIER1 B6.7-TIER4, STAGE V	6CTAA8.3C - 215	6CTAA8.3 - C260 (QSL9 - TIER4)	QSL9
Rated Output (SAE J1995)	hp/rpm	156 / 2,200-TIER1	156 / 2,200 - TIER1 (173 / 2,200 - TIER4)	158 / 2,200 - TIER1 173/2,500 - TIER4, STAGE V	215 / 2,200	260 / 2,200 (320 / 2,200 - TIER4)	325 / 1,950

AIR COMPRESSOR

Working Pressure	kg / cm ²	10.5	10.5	10.5	10.5	10.5	10.5
Free Air Delivery	m ³ / min	5.5	5.5 (6.6)	5.5 / 6.6	8	11.3 (13.9)	14
Tank Capacity	m ³	0.051	0.051	0.051	0.051	0.075	0.1

DUST COLLECTOR

Air Pressure	mmAq	550	550	550	550	550	550
Suction Capacity	m ³ / min	24	24	24	24	40	40
Number of Filters	ea	4	4	4	4	6	6

BIT & ROD

Rod Length	mm	3,050 , 3,660	3,660 , 3,050	3,660 / 6,100	3,660	3,660	3,660 / 6,100
Bit Dia	mm	Ø65 ~ Ø102	Ø65 ~ Ø102	Ø65 ~ Ø102	Ø64 ~ Ø115	Ø102 ~ Ø127 (Ø89 ~ Ø127)	Ø102 ~ Ø127
Thread	-	T38 , T45	T38 , T45 (T51)	T38 , T45	T51 (T38,T45)	T45 , T51	T51

HYD. PUMP

Variable Piston Pump + Gear Pump

GUIDE SHELL

Overall Length	mm	6,800 , 7,240	7,350 / (7,590)	7,350 / 8,100	7,290	7,590	7,590 / 9,200
Slide Length	mm	1,500	1,500	1,500	1,500	1,500	1,500
Feed Length	mm	3,740 , 4,300	4,300	4,260	4,300	4,300	4,570 / 5,090
Swing Angle	L / R°	65 / 50	65 / 50	40/40 / 40/50	90 / 30	90 / 25 (65 / 50)	9/15 / 65/10
Tilt Angle	°	180	180	180	180	152 (180)	152 / 126

BOOM

Overall Length	mm	2,100	2,840	2,100	3,000	3,000	3,000 / 2,870
Lift Angle	Up / Down°	50 / 25	50 / 15	45 / 15	50 / 15	50 / 15	50 / 18
Swing Angle	L / R°	15 / 45	15 / 35 (35 / 25)	40 / 40	25 / 35	35 / 25	17 / 36
Extension Length	mm	-	1,100	1,600 / 1,500	1,100	1,100	900 / -

UNDER CARRIAGE

Length of Tumbler	mm	2,480	2,480	2,480	2,480	2,480	2,480
Shoe Width	mm	330	330	330	330	330	330
Ground Clearance	mm	540	540 (500)	540	510	510 (480)	535
Oscillation Angle	°	±11	±11 (+8, -10)	±10	±10	±10	±10

ROD CHANGER

Number of Rods	ea	4+1	4+1	4+1	5+1 (6+1)	5+1 (6+1)	6+1
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• The above specifications can be changed without prior notice.



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