



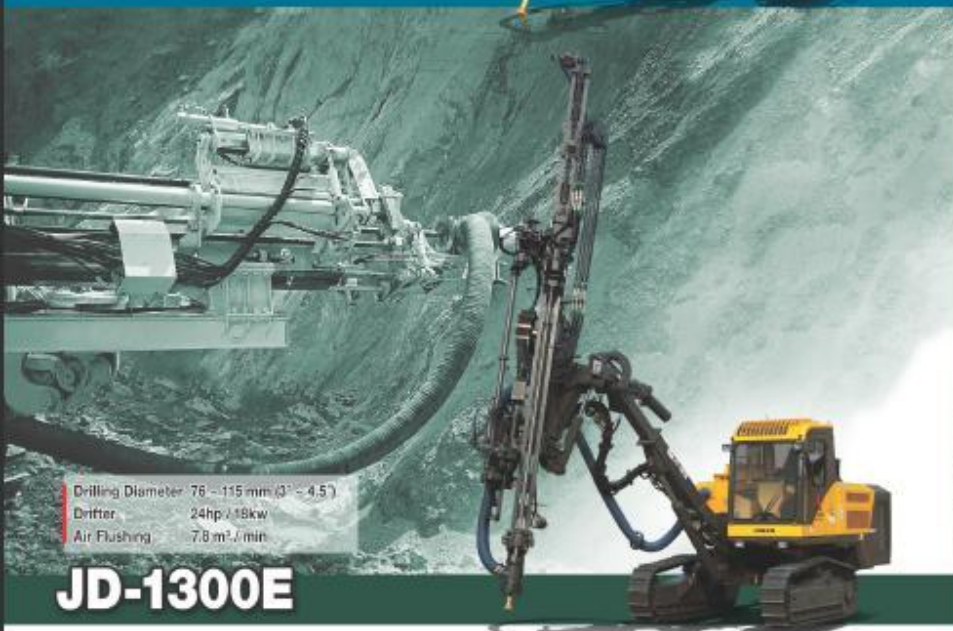
Drilling Diameter 65 - 102 mm (2.5" - 4")
Drifter 22hp / 17kw
Air Flushing 5.7 m³ / min

JD-800 / JD-800E



Drilling Diameter 102 - 127 mm (4" - 5")
Drifter 30hp / 23kw
Air Flushing 11.3 m³ / min

JD-1400E



Drilling Diameter 76 - 115 mm (3" - 4.5")
Drifter 24hp / 18kw
Air Flushing 7.8 m³ / min

JD-1300E



Drilling Diameter 102 - 140 mm (4" - 5.5")
Drifter 30hp / 23kw
Air Flushing 13.9 m³ / min

JD-1500E / 1500L (20ft)

With the power of global technology improving,
JUNJINCSM will be always be there for you.



Operation Panel

The drilling operation is easy and simple with pilot hydraulic control. Applying hydraulic system, there is no electronic and electrical trouble.



Outstanding Gradeability

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



Rod Changer
 - Roller Type
 - Carousel Type



Spacious Engine Room
 Provides easy access and maintenance.



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



Wide visibility
 Multiple glass windows provide excellent visibility for drilling and operation



Movable Dust Hood
 Moving-type Dust Hood allows operator's visibility to check first rod drilling.



Cyclone
 Improves life time of dust filter and dust suction efficiency by pre-clearing small fragment.



Powerful Dust Collector
 High efficient suction power keeps drilling performance operator's visibility to work without dust.



Centralized Electric Control Panel
 Allows for easy electrical checking and maintenance.



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

Powerful Drifter provides excellent penetration, Straight drilling hole for customer's productivity.

JUNJIN Drifter

Optimum design of the drifter provides high penetration rates of energy in conjunction with maximum drilling economy.

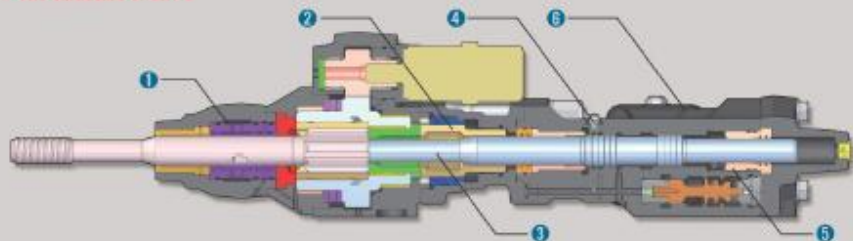


JET-9

DRIFTER				
Model	-	JET-8	JET-9	JET-11
Impact Power	hp (kw)	22 (17)	24 (18)	30 (23)
Rotation	rpm	max. 180	max. 190	max. 190
Rod Thread	mm	T38 / T45	T45 / T51	T45 / T51
Number of Blows	bpm	2,900-3,000	2,190-3,000	2,190-3,000

Model	JD-800	JD-800E	JD-1300E	JD-1400E	JD-1500E
JET-8 Application Model	●	●			
Hole Range	∅ 65 mm ∅ 102 mm				
JET-9 Application Model			●		
Hole Range	∅ 76 mm ∅ 115 mm				
JET-11 Application Model				●	●
Hole Range	∅ 102 mm ∅ 127 mm				

• The Structure of JET-8



1. Air / Water Combined Flushing Head

Dual seal out off flowing backward of air and enables water flushing under 14bar.

2. Hydraulic Damper

It protects the drifter, guide shell and boom absorbing return impact of percussion.

3. Thin and Long Shaped Piston

It allows to fully transfer percussion energy without loss to the rock.

4. Percussion Adjuster

It balances drifter BPM according to rock hardness to reduce hose vibration.

5. Front / Rear Bushing and Seal Retainer

The front and rear bushings along with the seal retainer extends the wear life of the piston by protecting it within the cylinder. This ultimately reduces the expense of rebuilding the hammer.

6. Large Capacity of Accumulator

The design of the accumulators optimize the flow of oil while maximizing capacity. This generates a smooth percussion system of operation and extends the life of the diaphragm.

YAMAMOTO Drifter

Reverse Percussion function (Option)
Makes easy removal of jammed rod in the ground during the operation.

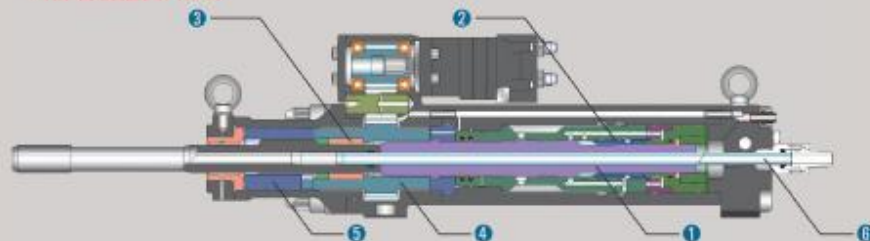


YH-80

DRIFTER				
Model	-	YH-70	YH-80	YH-135
Impact Power	hp (kw)	20 (15)	22 (17)	28 (21)
Rotation	rpm	max. 200	max. 150	max. 120
Rod Thread	mm	T38 / T45	T45 / T51	T51
Number of Blows	bpm	2,600-3,000	2,400-2,600	2,300-2,500

Model	JD-800	JD-800E	JD-1300E	JD-1400E	JD-1500E
YH-70 Application Model	●	●			
Hole Range	∅ 65 mm ∅ 102 mm				
YH-80 Application Model			●		
Hole Range	∅ 76 mm ∅ 115 mm				
YH-135 Application Model				●	●
Hole Range	∅ 102 mm ∅ 127 mm				

• The Structure of YH-70



1. Piston

Direct piston blow enhances the energy efficiency.

2. Valve

Through reciprocating motion of piston, this direct operated valve controls the flow of oil to maintain piston reciprocation.

3. Chuck Bushing

It absorbs a shock on percussion bounce and increases the wear life of parts of drifter.

4. Chuck Driver

Rotation energy is to be transmitted to chuck from rotation motor.

5. Chuck

Rotation force will be delivered to shank adaptor, rod and bit.

6. Blow Tube

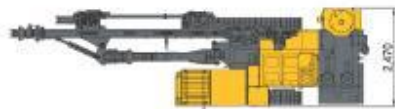
Highly compressed air passed to shank adaptor, rod and bit through blow tube is to clear chips from the hole.

JUNJINCSM Hydraulic Rock Drill

JD-800 / JD-800E

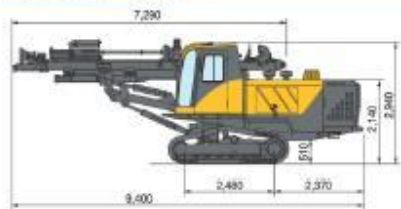


() : JD-800E



- Gross Weight : 10,900 kg
(12,000 kg)

JD-1300E



- Gross Weight : 14,700 kg



JD-1400E



- Gross Weight : 16,000 kg



JD-1500E / JD-1500L



() : JD-1500L



- Gross Weight : 17,400 kg
(17,600 kg)

Specifications

GENERAL SPECIFICATION	JD-800	JD-800E	JD-1300E	JD-1400E	JD-1500E/L
Gross Weight	kg	10,900	12,000	14,700	16,000 / 17,600
Overall Length	mm	8,800	8,680	9,400	10,133 / 9,979
Overall Width	mm	2,470	2,470	2,420 (2,708)	2,420 (2,708)
Overall Height	mm	2,860	2,860	2,940	3,362
PERFORMANCE					
Hole Range	mm	φ 65 - φ 102	φ 65 - φ 102	φ 76 - φ 115	φ 102 - φ 127
Drilling Depth	m	15	18	25	25 / 28
Gradeability	°	30	30	28	28
Traveling Speed	km / hr	0 ~ 3.8	0 ~ 3.8	0 ~ 3.5	0 ~ 3.3
DIESEL ENGINE					
Model (CUMMINS)	-	B5.9-C	B5.9-C	C746.9-C	QSC3.3-C
Rated Output	hp/kw	156/116/2,200	156/116/2,200	205/153/2,100	26/194/2,200
AIR COMPRESSOR					
Working Pressure	kg / cm ²	10.5	10.5	10.5	10.5
Free Air Delivery	m ³ / min	5.7	5.7	7.8	11.3
Tank Capacity	m ³	0.051	0.051	0.051	0.075
DUST COLLECTOR					
Air Pressure	mmHg	550	550	550	550
Suction Capacity	m ³ / min	24	24	24	40
Number of Filters	ea	4	4	4	6
BIT & ROD					
Rod Length	mm	3,050 (3,660)	3,660 (3,050)	3,660	3,660
Bit Dia.	mm	φ 65 - φ 102	φ 65 - φ 102	φ 76 - φ 115	φ 102 - φ 127
Thread	-	T38 (T43)	T45 (T38)	T51 (T43)	T51
HYD. PUMP Variable Piston Pump + Gear Pump					
GUIDE SHELL					
Overall Length	mm	6,800 (7,240)	7,240 (6,800)	7,290	7,520
Slide Length	mm	1,500	1,500	1,500	1,500
Feed Length	mm	3,740	4,300	4,300	4,900
Swing Angle	L / R [°]	65 / 50	65 / 50	90 / 30	90 / 25
Tri Angle	°	180	180	180	158
BOOM					
Overall Length	mm	2,100	2,940	3,000	3,000
Lift Angle	Up / Down [°]	50 / 25	50 / 15	50 / 15	50 / 18
Swing Angle	L / R [°]	15 / 45	10 / 35	25 / 35	23.5 / 35
Extension Length	mm	-	1,100	1,100	1,100
UNDER CARRIAGE					
Length of Tumbler	mm	2,480	2,480	2,480	2,776
Shoe Width	mm	340	340	330	330
Ground Clearance	mm	540	540	510	535
Oscillation Angle	°	±11	±11	±10	±10
ROD CHANGER					
Number of Rods	ea	4+1	4+1	5+1 (6+1)	5+1 (6+1)

* The above specifications can be changed without prior notice.

