



THE BAZOOKA — Designed especially by JKS to be quickly and easily set-up on ledges, raises, stopes and in other places where it is difficult to use conventional drills. Incorporating an eyebolt anchor and bipod, adjustable bipod or bar mounting, the Bazooka can be used to drill wherever a man can find a footing. The Bazooka is suitable for either blast hole or core drilling, and can be easily moved, set-up and operated by one man.

Rated Capacity — Rod string weight: 136 kg (300 lbs)
RW Rods — 45.7 m (150 ft) of 2.9 kg/m rods (2 lbs/ft)
EW Rods — 30.5 m (100 ft) of 4.5 kg/m rods (3 lbs/ft)

BVB-6 AIR MOTOR — The Bazooka is powered by a JKS BVB-6 vane type air motor. This motor produces 12 kW (16 hp) at 3000 rpm and weighs only 20.5 kg (45 lbs). A standard waterswivel is built into the back end of the air motor.

Features

FEED — Feed on the Bazooka is provided by a double acting air cylinder and a stainless steel piston rod. Three feed length options include 381 mm (15 in) change 609 mm (24 in) change and 762 mm (30 in) change. Feed cylinder thrust is 1112 daN (2500 lbf) with 690 kPa (100 psi) air pressure.

MOUNTINGS — For maximum versatility, the Bazooka may be mounted in either of three different ways.

1. **Eyebolt Anchor & Bipod Mounting** — Eliminates mining bars and sprags and allows the drill to be quickly unhooked from the eyebolt anchor to make way for tramming and other mining operations. The Bazooka is used to drill a hole for a removeable eyebolt. The anchor bar safety hook is snapped onto the eyebolt, firmly securing the drill mounting assembly in position.

2. **Bar Mounting Assembly (3 1/2 in or 4 1/2 in)** — Normally used in conventional underground workings. The mine bar mounting allows a 360 degree angle range in either the horizontal or vertical plane.
3. **Adjustable Bipod Mounting** — In up-hole drilling, the bipod mounting is used in conjunction with the air cylinder which acts as a backleg. The cylinder sprag can be extended using RW rods when a back support is available.

Weight of Bazooka, with optional mountings described above, ranges from 50.3 to 77.1 kg (111 to 170 lbs).



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SPECIFICATIONS

Depth Rating

Drill Rod	Weight of Rod	Maximum Depth	Core Size
EW Steel	3.0 lb/ft 4.4 kg/m	100 ft 30 m	0.875" 21.2 mm
EW Alum	1.1 lb/ft 1.6 kg/m	300 ft 90 m	0.875" 21.2 mm
AW Steel	3.8 lb/ft 5.6 kg/m	80 ft 25 m	1.125" 30.0 mm
AW Alum	1.5 lb/ft 2.1 kg/m	200 ft 60 m	1.125" 30.0 mm

Power Unit

Make & Type	JKS BVB-6 vane type motor
Horsepower	12 kW (16 hp) @ 3000
Air Consumption	5.7 to 8.5 m ³ /min (200 to 300 cfm)
Weight	20.4 kg (45 lbs)

*Feed Cylinder

Type	Air
Diameter	152 mm (6 in)
Feed Length	381mm, 609mm or 762mm (15 in, 24 in or 30 in)
Piston Rod Diameter	64 mm (2 1/2 in)
Weight 15 in Feed	15.9 kg (35 lbs)
24 in Feed	19.9 kg (44 lbs)
30 in Feed	22.2 kg (49 lbs)

*Mountings

Type	Weight
Eye bolt anchor and bipod mounting	29.5 kg (65 lbs)
Bar mounting assembly to fit 89 mm (3 1/2 in) mine bar	24.0 kg (53 lbs)
Bar mounting assembly to fit 114 mm (4 1/2 in) mine bar	34.5 kg (76 lbs)
Adjustable bipod mounting	14.1 kg (31 lbs)
Muffler Kit	Optional

Weights & Dimensions of Complete Drill Assembly

Mounting Option	381 mm (15 in) Feed
Eye Bolt Anchor & Bipod	65.8 kg (145 lbs)
89 mm (3 1/2 in) bar mounting ass'y	60.3 kg (133 lbs)
114 mm (4 1/2 in) bar mounting ass'y	70.8 kg (156 lbs)
Adjustable bipod mounting	50.3 kg (111 lbs)
Overall Length **	1702mm (67 in)
Mounting Option	609 mm (24 in) Feed
Eye Bolt Anchor & Bipod	69.9 kg (154 lbs)
89 mm (3 1/2 in) bar mounting ass'y	64.4 kg (142 lbs)
114 mm (4 1/2 in) bar mounting ass'y	74.8 kg (165 lbs)
Adjustable bipod mounting	54.4 kg (120 lbs)
Overall Length **	2184mm (86 in)
Mounting Option	762 mm (30 in) Feed
Eye Bolt Anchor & Bipod	72.1 kg (159 lbs)
89 mm (3 1/2 in) bar mounting ass'y	66.7 kg (147 lbs)
114 mm (4 1/2 in) bar mounting ass'y	77.1 kg (170 lbs)
Adjustable bipod mounting	56.7 kg (125 lbs)
Overall Length **	2464mm (97 in)

*Indicates options; when ordering please specify.

**Overall length of complete drill assembly with motor in full forward position.

