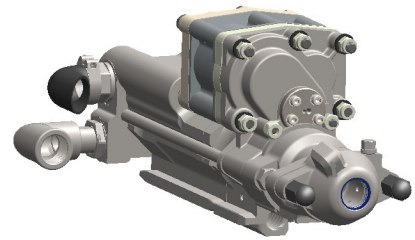


S36IR Muffled Rock Drill

The Impco S36M is a high-performance drifter-type rock drill with a 110mm bore diameter and independently controlled rotation. Engineered for deep hole drilling, it is suitable for both surface and underground applications



Key Features

Delivers outstanding drilling efficiency with optimized air consumption.

Equipped with a powerful, independently controlled gear-type rotation motor that ensures high torque across all drilling conditions

Independent control of percussion and rotation adapts seamlessly to any drilling condition, while simplifying drill steel coupling and uncoupling.

Front head water box with external feed ensures reliable flushing.

No Water tube

User-friendly feed screw nut cartridge streamlines maintenance.

Front head water box, external water feed

User-friendly feed screw nut cartridge

Internal Muffling

Applications:

On the surface, the Impco S36M is perfectly suited for track or wagon drill mounting, delivering exceptional performance in quarry benching, presplitting, and versatile civil contracting applications.

Underground, it adapts seamlessly when mounted on screws for development tunneling, fan holes, and ring-drilled blast hole production.

Its versatility extends to specialized tasks, making it ideal for long-hole drilling in water drainage and communication system installations

Design: Internal layout of the drill has been optimized to enable excellent life to be obtained from the drill components in heavy-duty and arduous applications.

Lubrication: Oil mist from the air line keeps all parts lubricated—especially the hard-working front end

Builds: Remote-control operation only

ChuckSize: 44mm diameter 4 spline shank

Mountings: The S36M can be mounted on Impco feed cradle for up to 2m feed length or any suitable existing feed system with purpose made drill carriages.

	Metric	Imperial
Stroke	85 mm	3.39 Inch
Bore	110 mm	4.49 Inch
Length (without Shank)	762 mm	33 Inch
Mass	120Kg	265 lb
Blows Per Minute	1630 @ 5 Bar	1630 @ 72.52 psi
Rotation Motor	4 Kw @120 RPM—5 bar	236 ft lbs @ 73 psi
Nominal Diameter	35 - 89 mm	1.38 - 3.5 inch
Drilling Dept Capacity	up to 30 m	up to 150 ft
Air Consumption	233 L/sec @ 7 bar	450 cfm @ 100 psi
Water Requirements	37 L/min @ 5 bar max.	10 gpm @ 70 psi max.
Air Connection -Hammer	40 mm	1.5 in
Air Connection -Rotation	25 mm	1.0 in
Water Connection -	20 mm	0.75 in
Shank Size	Male Four Spline Shank	R32,R38,T38 and T45
Air Consumption	Cfm 495 l/sec 233	Cu.m /sec 0.233 c.m/min 13.98

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Technical Information

