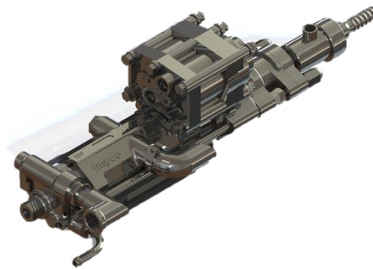


S36IR Independent Rotation Rock Drill

The S36IR is a robust rock drill with a 114mm diameter bore and independently controlled rotation. Its internal layout has been meticulously designed to ensure extended component life, even in demanding and heavy-duty applications. Delivering outstanding performance, the S36IR offers rapid penetration rates, exceptional durability, and efficient air consumption. Built on a proven, reliable design, it has been upgraded with premium materials engineered and manufactured to precise tolerances.



Lubrication

Atomized oil is supplied to the machine via a lubricator attached to the incoming air line. This setup guarantees effective lubrication of all internal components, with special emphasis on the heavily loaded front-end parts.

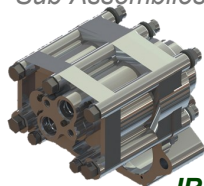
Builds

A range of build options is offered to accommodate diverse application needs. The machine is designed exclusively for remote control operation, featuring an 11mm (7/16) diameter for wet drilling and a 14mm (9/16) diameter suitable for both wet and dry drilling.

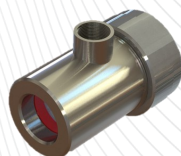
Technical Information

	Metric	Imperial
Stroke	86 mm	3.39 Inch
Bore	114 mm	4.49 Inch
Length (without Shank)	828 mm	33 Inch
Mass	120Kg	265 lb
Blows Per Minute	1630 @ 5 Bar	1630 @ 72.52 psi
Rotation Motor	4.0 Kw @ 120 RPM—5 bar	236 ft lbs @ 73 psi
Nominal Diameter	35 - 89 mm	1.38 - 3.5 inch
Reamed Diameter	up to 127 mm	up to 5 in
Drilling Dept Capacity	up to 46 m	up to 150 ft
Air Consumption	212 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
Water Requirements	37 L/min @ 5 bar max.	10 gpm @ 70 psi max
Shank Size	Male 44 mm Four Spline Shank R32,R38,T38 and T45	

Sub Assemblies are available for trouble free Maintenance



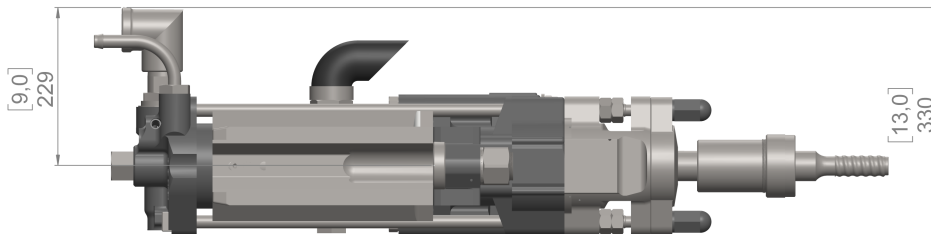
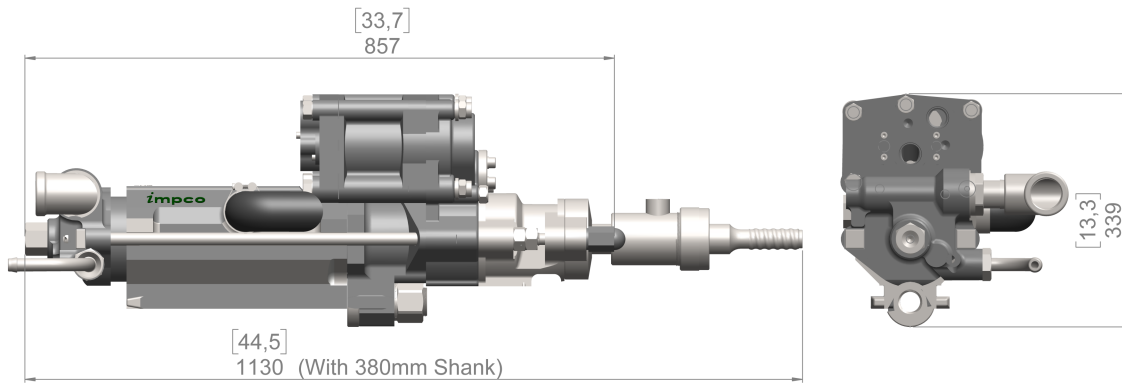
IR Gearbox



Water box for external flushing

Ordering Numbers

Ma-S36IR-11mm	11mm IR Drill
Ma-S36IR-14mm	14mm IR Drill
SA-S36IR-Rotmo	Complete Gearbox
WBOX-19-034	44 mm Water box



Impco Engineering maintains a comprehensive inventory of parts for the S36 IR drill. All components are proudly manufactured in South Africa at our factory in Rosslyn, Pretoria North, adhering to precise specifications and utilizing premium-quality tool steel.

The Impco S36-IR drill is available mounted on Aluminium Feed assemblies for 0.8m to 1.8m Drill steel. The assembly is completed with a Impco Centralizer, Remote Control Panel and lubricator



Notes