

SANDVIK**DE840/880****MULTI-PURPOSE DRILLING****AT ITS BEST**

Innovation & safety

Topdrill's Sandvik multi-purpose DE840/880 rigs perform diamond coring, directional drilling, geotechnical drilling, and rotary mud drilling. Our leet has been upgraded to incorporate the latest in handsfree rod handling solutions.

Safety Equipment

Multi Point Emergency Stop System	Reducing hazards to persons, machinery, or work in progress.
Rod Fall Prevention System	Reduces potential of rod falling from mast and causing injury.
Operator Fall on Protection System (FOPS)	Rated FOPS. Reduces potential of injury occurring as a result of falling objects.
Automatic Fire Suppression System	Automatic or manual activation.
Acoustic Pack	Reduces engine noise to 84db max.
Self Bunded Engine & Hydraulic Pack	Reduces risk of hydrocarbon spill causing environmental incident.

Standard Design Features

Drill Mast	<ul style="list-style-type: none"> 12.3m (40'4") long 1300mm (4'3") hydraulic mast dump
Rotation Head	<ul style="list-style-type: none"> High/low manual gear change 73-200rpm in low gear 550-1500rpm in high gear Floating spindle 50mm (2")
Head Traverse	<ul style="list-style-type: none"> Max speed of 44.8m/min (147ft/min) up and 29.6m/min (87ft/min) down Pull down 113kN (25,350lbf) Pull back 226kN (50,700 lbf)
Wireline Winch	<ul style="list-style-type: none"> Capacity of 2000m (6560ft) of 8mm (5/16") or 2500m (8200ft) of 8mm (5/16" wire rope) Max pull 12.6kN (2800lbf) at 430m/min (1410ft/min) full Drum Max pull 21.4kN (4800lbf) at 255m/min (835ft/min) bare drum
Mounting	<ul style="list-style-type: none"> Mounted on a 8x8 truck, MAN or Mercedes
Water Pump	<ul style="list-style-type: none"> 140L/min (37gpm) at pressures up to 7000kPa (1000psi)
Diesel Pump	<ul style="list-style-type: none"> Cummins M11-C300 engine rated at 246kW (300hp) at 2100rpm
Rod Clamps	<ul style="list-style-type: none"> One rod clamp supplied for B, N, H and P sizes Hydraulically operated and self energising Range from 44.5 to 177.8mm (1 3/4" to 7") 224mm (8 3/4") rod clamp body opening
Rod Handling	<ul style="list-style-type: none"> DA555 Hands free diamond pipe handler Remote controlled Austex hands free hydraulic breakout tool

The Sandvik DA555 rod handler fitted to the drill rigs allows for true handsfree rod handling whilst maintaining a small machine footprint. A hydraulic rod breakout tool and rod spinner completes the package, providing a safer and more productive work environment for our team.

