

THE GROUND  
BREAKER

# GM BJ35

## PURPOSE OF USE

- Designed for well drilling in challenging Scandinavian climate and bed rock
- Best choice for drilling energy and water wells down to 300 metres deep
- Optimal choice for deep energy drilling when several compressors are used together
- Can be used for any purpose where high pressure compressed air is needed in large volume

## WINNING RECIPE

### Reliability

- Reliable technology designed for Scandinavian climate
- GHH-Rand 29 m3/35 bar air end is made in Germany at the original IR plant. Air end is known worldwide for its reliability.
- Scania diesel engine with local service and assistance
- Rigid body for transportation; compressor can be mounted as-is on truck

### Simplicity

- Simple construction for easy maintenance
- Easy-to-use operating system with remote support capability
- LED working and maintenance lights

### Cost savings

- Low fuel consumption
- Hydraulic fan, blow direction easily adjustable
- Integrated GM Data Logging system enabling remote monitoring of large number of compressor units and drill rigs

## DIMENSIONS

|               |       |
|---------------|-------|
| Height:       | 2,7 m |
| Width:        | 2,4 m |
| Length:       | 4,1 m |
| Weight (dry): | 7,5 t |

## ENGINE

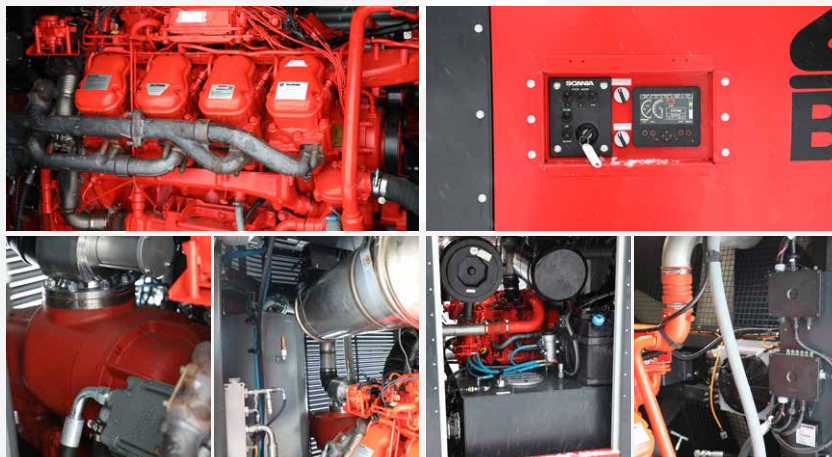
|                    |                       |
|--------------------|-----------------------|
| Manufacturer:      | Scania                |
| Model:             | DC 16 084 A           |
| Oil capacity:      | 35-45 dm <sup>3</sup> |
| Electrical system: | 24 V                  |
| Displacement:      | 16.4 litre            |
| Cylinders:         | 8                     |
| Output:            | 478 kW (650 hp)       |
| Max rpm:           | 1850                  |

## SCREW COMPRESSOR

|                    |                         |
|--------------------|-------------------------|
| Manufacturer:      | GHH-RAND                |
| Model:             | CF1000H                 |
| Max air Flow:      | 29 m <sup>3</sup> / min |
| Oil flow:          | 368.9 l / min           |
| Max pressure:      | 35,5 bar                |
| Power consumption: | 351.7 Kw                |

## OPTIONS

|                      |                             |
|----------------------|-----------------------------|
| Engine heater:       | Webasto Thermopro 90 (9 kW) |
| Aftercooler:         | ●                           |
| Remote control:      | ●                           |
| On-line data logger: | ●                           |



## Inspired by the Ice Age

Geomachine is designed for the most challenging conditions in the world. Since it can even drill into soil shaped by the Ice Age, we dare to promise it will work anywhere.