

Store Norske 2 x 1075 Tonne Support Technical Specification

Mine layout:

131 Face supports

3 Maingate Face End supports

3 Tailgate Face End supports-

1 Transitional support (Tailgate Face End working conventional at Maingate end)

Support Technical Specification	Face	Face End
Range	3000mm open to 1300mm closed	3000mm open to 1300mm closed
Rating	1075 Tonne	1075 Tonne
Canopy Projection	3505mm	Maingate – 4355mm Tailgate – 3505mm
Leg bore diameter	380mm	380mm
Supply pressure	344.8 bar	344.8 bar
Test specification	EN 1804 - 26k cycles @ 80% amplitude	EN 1804 - 26k cycles @ 80% amplitude
Support density @ leg yield	109.6 Tonnes/m ²	89.5 Tonnes/m ²
Advancing ram diameter	150mm	200mm
Advancing ram stroke	900mm	900mm
AFC advance load	28.7 Tonnes	63.8 Tonnes
Support advance load	62.1 Tonnes	110.5 Tonnes
Support weight	23.7 Tonnes	Maingate - 27.3 Tonnes Tailgate - 25.9 Tonnes
Transport dimensions (L x W x H)	6696 x 1700 x 1300	Maingate - 7680 x 1650 x 1320 Tailgate - 6830 x 1650 x 1320
Cycle time	10.3 seconds	11.5 seconds
Web	850mm	850mm
Electro/hydraulic valves	Faceboss/RS20s control system	Faceboss/RS20s control system
Active side shields	N/A	Fitted to both sides