

Matrix NC

# Race grinding machine - Structuring for winning times

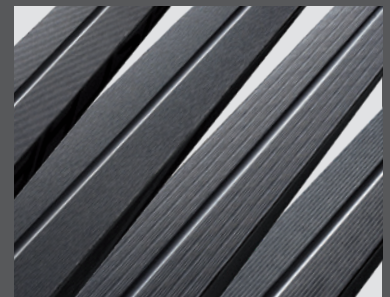
## Benefits:

- Adaptable to various needs thanks to modular construction
- Extensive configuration options
- Wide range of options available
- High-precision grinding force adjustment, either electronic or pneumatic
- Dynamic process for balancing grinding stones directly on machine
- Intuitive operation using integrated touch panel or external PC
- Integrated stone management
- Integrated level control for stone aggregate



## Highlights

- High-performance structures
- Very convenient to operate and maintain
- Intuitive operation
- Precise and reproducible results
- Streamlined for precision
- Compatible with embossing rollers
- Digital interfaces



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## Nordic



- Equipped with choice of 1 x 70 mm (1 x 2.8"), 2 x 70 mm (2 x 2.8"), or 1 x 150 (1 x 5.9") stone
- Comprehensive selection of stones and diamonds for Nordic requirements
- Stone available with twin structure (5.9" stone)
- Centerings adapted for Nordic
- Suitable for ski jumping

## Alpine



- 150 mm (5.9") stone for Alpine
- Comprehensive selection of stones and diamonds for Alpine requirements
- Centerings adapted for Alpine
- Up to 16 substructures across the entire width of the stone
- Extensive structure pool available

# Technical data

|                                   | Electronic feed                                                                                               | Pneumatic feed    |                        |                  |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------|------------------------|------------------|
| Rated voltage / frequency         | 3AC, 208 – 400V, 50/60Hz                                                                                      | 3AC, 400V, 50Hz   | 3AC, 208 – 220V, 60Hz* | 3AC, 220V, 50Hz* |
| Power                             | 5,7 kW                                                                                                        | 5,7 kW            |                        |                  |
| Rated current                     | 22,1 – 13,2 A                                                                                                 | 13,2 A            |                        |                  |
| Fuse min./max.                    | 25 / 32                                                                                                       | 25 / 32           |                        |                  |
| Feed speed                        | 3 – 20 m/min (9.8–65.6 ft/min)                                                                                |                   |                        |                  |
| Ambient temperature               | 5°C – 35°C (41 °F–95 °F)                                                                                      |                   |                        |                  |
| Screen                            | 21,5" FullHD TFT 1920 x 1080 (16:9) Multitouch                                                                |                   |                        |                  |
| Weight (without contents of tank) | 980 kg (2161 lbs)                                                                                             | 895 kg (1973 lbs) |                        |                  |
| Dimensions (W x H x D)            | 2383 x 1540 x 889 mm (92 x 60 x 35") (without screen)<br>2383 x 1715 x 889 mm (92 x 67.5 x 35") (with screen) |                   |                        |                  |



\*Upon request. We reserve the right to make technical modifications.

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