

# TECHNICAL SPECIFICATION

## XTR FastWire machine

### MODELS & WORKING AREAS

|                            |                               |                               |
|----------------------------|-------------------------------|-------------------------------|
| Working height             | 1300 mm                       |                               |
| Working Area<br>Table size | 1200x2000 mm — <b>XTR1200</b> | 2000x2000 mm — <b>XTR2000</b> |
|                            | 2500x2500 mm — <b>XTR2500</b> | 3000x3000 mm — <b>XTR3000</b> |

### CUTTING WIRE

|                    |  |
|--------------------|--|
| Wire type          | Endless, abrasive (steel) wire                 |
| Wire thickness     | diameter: 1.1 — 1.6 mm (depending on material) |
| Wire speed         | 280 km/h                                       |
| Max. Transit speed | 1800 mm/m                                      |
| Wheel diameter     | 300 mm   |
| Wire motor         | 3 kW, 400 V, 50 Hz, inverter-controlled        |

### GENERAL INFORMATION

|                       |  |
|-----------------------|--|
| Machine construction  | Custom-made anodized aluminum extrusion profiles         |
| Accessibility         | Full access from two sides                               |
| Power requirements    | AC 400V (3-phase), up to 6 KW                            |
| Operating environment | Temperature: 5 — 40°C or 32°F — 104°F / Humidity: 95%    |
| X & Y Drives          | 2-phase stepper motors + worm gears                      |
| PC requirements       | Windows XP, Vista, 7, 8 or 10 (USB connection)           |
| Software              | Control software included. Support for: plt, dxf, EPS/AI |
| Warranty              | Complete 12-month warranty on EXW (ex-works) basis       |

### IDEAL FOR

|                            |   |                           |                          |
|----------------------------|---|---------------------------|--------------------------|
| Materials which can be cut | Polyurethane — <b>PUR/PU</b>                        | Polypropylene — <b>PP</b> | Polyethylene — <b>PE</b> |
|                            | Polystyrene — <b>EPS / XPS</b>                      |                           | Foamed glass / Rock wool |
|                            | Polyisocyanurate foams — <b>PIR / POLYISO / ISO</b> |                           |                          |

### OPTIONAL ACCESSORIES

|                       |                   |  |                           |
|-----------------------|-------------------|--|---------------------------|
| Available accessories | Full enclosure    | TurnTable                                  | Pneumatic wire tensioning |
|                       | Remote controller | Dust suctions head & Vacuum dust collector |                           |

### MACHINES KIT INCLUDE

|                        |   |   |
|------------------------|---|---|
| Basic package includes | XTR fast wire machine                       | ARM-based electronic controller               |
|                        | Control software                            | 5 cutting wires                               |
|                        | Assembly and operational manuals            | Year-round tech support                       |
| Basic package excludes | Windows PC necessary to control the machine |   |
|                        | Graphics software                           | Installation & training on site (if required) |

