

## Characteristics

## MFER 30

|   |                         |
|---|-------------------------|
| Function  | Rendering               |
| Power of Main Electric Motor (kW/hp) 6P/400V/50Hz | 30/40                   |
| Total Power Required (kW)                         | 39                      |
| Start   | Inverter                |
| Wire Speed (m/s)                                  | 25-40                   |
| Traction Wheel Diameter (mm)                      | 800                     |
| Estimated Weight (kg)                             | 5500 (6200 w/plataform) |
| Dimensions (LxWxH) (mm)                           | 5200x2450x4000          |
| Max. Hydraulic Work Pressure (bar)                | 180                     |
| Guiding Wheel Diameter (mm)                       | 600                     |
| Max. Horizontal Extension (mm)                    | 8000                    |
| Tower Inclination (°)                             | 10                      |
| Wire Diamond Length (m)                           | 29                      |
| Width of Tracks (mm)                              | 2000                    |



## ADVANTAGES

- Easy to setup, doesn't need rail.
- Self propelled.
- Excelent cut finishing.
- Automatic shut off (end of cutting diamond wire failure).
- Automatic tensioning of diamond wire (electro-hydraulic system).
- Inclined cuts, between 0 and 10°, in level ground.
- Increasing of productivity comparing with traditional method (wire diamond).
- Higher productivity because of wire diamond comparing with traditional method.
- Remote control (easy and intuitive).
- Management and data storage: cutting time, length and height of cut (area), control of productivity and longevity of diamond wire.