

The innovative advantage of the Ruby Eco machine is the ability to expand with increasing customer needs. Ruby Eco can be upgraded with a more powerful plasma source, increased working area, extra oxygen torch and extraction table, transforming until fully functional Ruby HD machine.

Main advantages

- Attractive price of a fully equipped basic version
- High class equipment from prestigious suppliers
- Use of an ecological water table to reduce noise and pollution
- Cutting capacity of steel up to 30 mm thickness
- High durability thanks to the independent construction of the bridge and working table
- Unmatched ease of use

RUBY ECO

Technology



Construction

In addition to a robust steel gantry solution the machine consists high class components from prestigious suppliers. These are powerful motors from Panasonic as well as high precision linear slides and ball guides from Schneeberger.



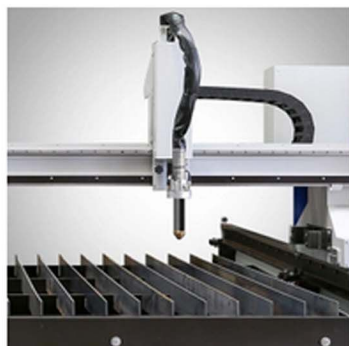
Smart CNC Controller

Modern Smart CNC controller is high quality industry device. Rich functionality of proprietary software and intuitive interface allow fully use machine possibilities even by unexpired operator.



Suction table

Modular cutting table by Eckert is static free standing so it is durable in its construction. In addition, it has a removable baseframe in which the entire cut grate is exposed for quick and easy cleaning of slag boxes a few steps. This construction type warrants safe and productive way of work.



Plasma support

Support allows fully use of equipped plasma torch. Except classical cutting, there is possibility of plasma marking with lower amperage.

Standard plasma sources

| Kjellberg | Max. piercing | Max. from the edge |
|--------------|---------------|--------------------|
| CutFire 100i | 20 mm | 30 mm |

Given data depends on the material involved and its structure. The ability to pierce depends on the material, thickness and also height sensor, and drive.

Technical data

| Model | Ruby ECO |
|----------------------|------------------|
| Drives | Servo AC |
| Cutting width | 1500 mm, 2000 mm |
| Basic working length | 3000 mm, 6000 mm |
| Positioning speed | 15000 mm/min |
| Cutting thickness | to 30 mm |
| Positioning accuracy | PN-EN 28206 |
| Safety standard | PN-EN 13850 |