



**NEW RUR** – CNC Gas and Plasma Cutting Machine

## Basic equipment

- fully welded beam without bolted joints
- linear bearing in cross axis
- **NEW** AC servo-drive system (12 000 mm/min.)
- digital synchronisation in longitudinal axis
- **NEW PIERCE 15"** control system with touch screen
- floating cutting heads
- electric ignition
- capacitive height control of oxy torch
- automatic piercing with HI-LOW preheating
- automatic initial height sensing of plasma torch
- arc voltage height control of plasma torch
- parking for 1 head out of cutting area
- limit switch protection in each axis

## Optional equipment

- **NEW PIERCE 19"** control system with touch screen
- plasma system by customer request
- linear bearing in longitudinal axis
- **NEW** AC servo-drive system (20 000 mm/min.)
- automatic gas console
- torch selection from control panel
- anti-collision system
- pneumatic, plasma or ink jet marker
- air cooling of portal frame
- control system heating (for winter operation)
- parking space for 3 torches

## Technical specification

| RUR                                  | 2 500                     | 3 000    | 3 500    | 4 000    |
|--------------------------------------|---------------------------|----------|----------|----------|
| max. number of torches               | 4                         |          |          |          |
| rail span                            | 2 500 mm                  | 3 000 mm | 3 500 mm | 4 000 mm |
| cutting width* – 1 torch             | 2 200 mm                  | 2 700 mm | 3 200 mm | 3 700 mm |
| cutting width* – 2 torches           | 2 200 mm                  | 2 700 mm | 3 200 mm | 3 700 mm |
| cutting width* – 3 torches           | 2 070 mm                  | 2 570 mm | 3 070 mm | 3 570 mm |
| cutting width* – 4 torches           | 1 940 mm                  | 2 440 mm | 2 940 mm | 3 440 mm |
| cutting length                       | by customer request       |          |          |          |
| min. parallel cut                    | 90 mm                     |          |          |          |
| cutting speed                        | 0–12 000 (20 000) mm/min. |          |          |          |
| standard cutting thickness           | up to 200 mm              |          |          |          |
| machine width                        | 3 340 mm                  | 3 840 mm | 4 340 mm | 4 840 mm |
| machine width with 3 torches parking | extra 300 mm              |          |          |          |
| machine length                       | 1 020 mm                  |          |          |          |
| machine height incl. rails           | 1 700 mm                  |          |          |          |
| cutting table height                 | 700 mm                    |          |          |          |
| plasma system                        | by customer request       |          |          |          |
| supply voltage                       | 230V/50Hz                 |          |          |          |

\* Technical data is valid for the application of oxy-fuel torches.  
For data of alternative machine configurations, please, contact us.

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**PIERCE**  
CONTROL AUTOMATION