



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

## Basic equipment



- fully welded beam without bolted joints
- linear bearing in cross axis
- AC servo-drive system (12 000 mm/min.)
- digital synchronisation in longitudinal axis
- BURNY 10 LCD PLUS control system with touch screen
- membrane keyboard
- 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



- plasma system by customer request
- linear bearing in longitudinal axis
- AC servo-drive system (20 000 mm/min.)
- automatic gas console
- torch selection from control panel
- pneumatic 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			

<sup>1</sup> Technical data is valid for the application of oxy-fuel torches.  
For data of alternative machine configurations, please, contact us.

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CONTROL AUTOMATION