



MOBILRAD 30

Mobile high performance x-ray unit



MOBILRAD 30 is a high performance mobile x-ray unit. The power of a stationary unit is combined with the versatility and flexibility in applications only a mobile unit can provide. Easy handling, almost unlimited projections and top image quality are the main features of the device with

- Telescope arm for tube assembly
- Oversized wheels for easy positioning
- Compact design with min. space requirement
- High frequency power of 30KW
- Min. exposure time: 2msec
- 24 APR organ programs

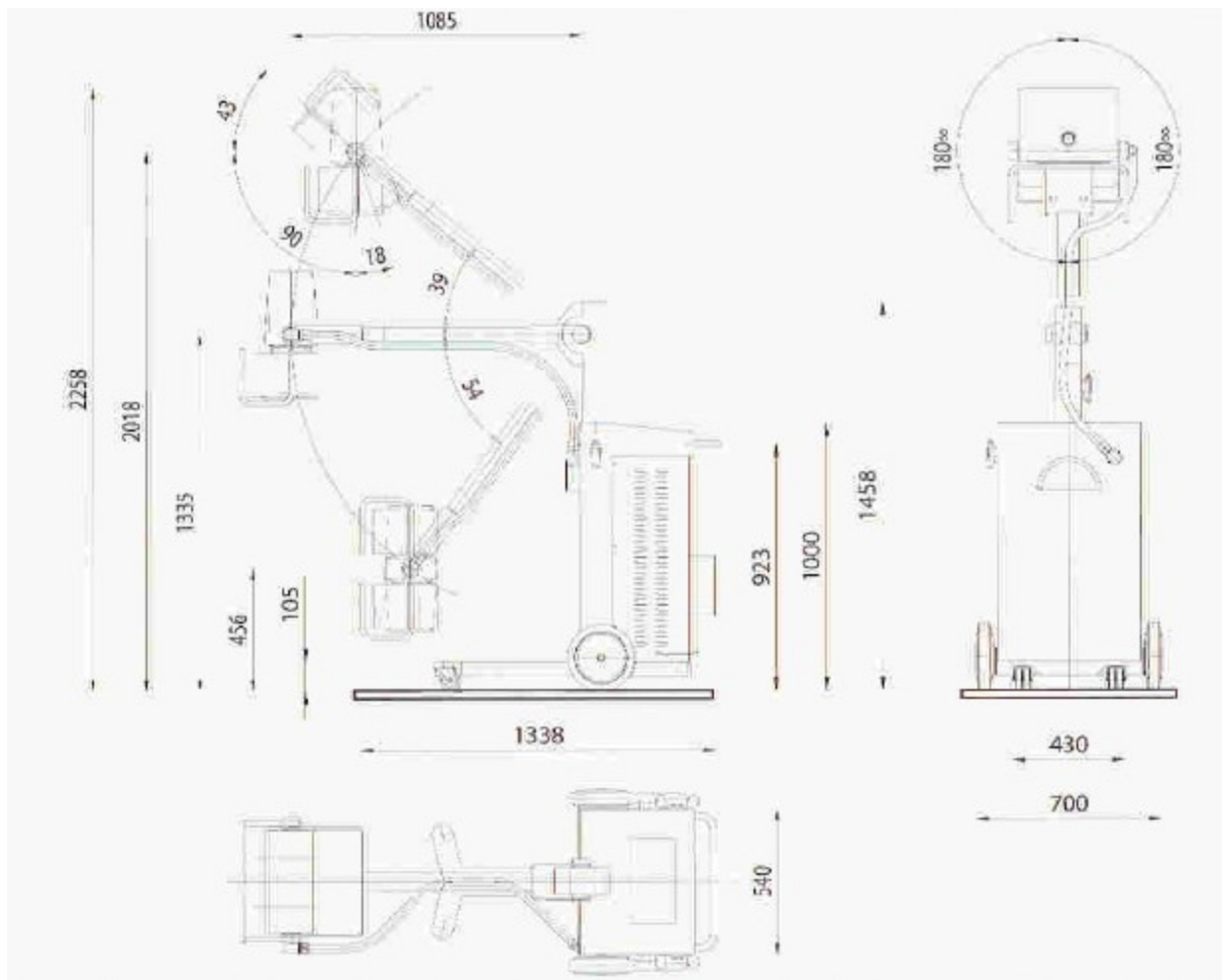


Technical data

<i>x-ray generator</i>	
Technology	High frequency , monobloc
Inverter frequency	40 KHz
Output power	30 KW acc. EEC norm
Maximum output voltage	125 KV
Maximum mAs	220
KV ripple	< 2%
Heat storage capacity (Monobloc)	800 KHU
<i>X-ray tube assembly</i>	
x-ray tube	With rotating anode
2 focal spots	0,8mm and 1,3 mm
Anode rotating speed	2850 rpm
Anode	Diameter 64 mm
Anode material	Tungsten
Max. heat dissipation	300W
Thermal capacity	107 KHU

Anode angle	15 degrees
Collimator	
Collimator	Manually operated collimator
Halogen light	Temporized after 30 sec.
Retractable measure tape	FFD measurement
Collimator rotation	+/- 115 Grad
Control console	
Operating console	Microprocessor controlled panel with 4 line LCD display w. 20 characters each
	User friendly interface
Operating modes	2 point operation with KV-mAs selection
APR program	Anatomic Programmed Mode (APR) with 24 exams selection in 4 folders
	1 point operation ;40-125 KV in 1 KV steps selectable
	mAs adjustment from 0,2 bis 220 mAs with increase of 12,5 % /step
	time: 0,002-2,2 seconds, depending on mAs selection
Dose selection	1x and 0,5 x
Exposure control	2 stage handswitch with extensible cable
Safety and protection	Automatic protection and control of the filament
	Protection against over voltage and current
	Temperature protection
Check-out programm	Test program for service assistance
Option	
Area dose product measurement	Integrated display in operation panel
Mechanical data	
Front wheel	2-fold
Rear wheel	1 with manual break with foot pedal release
Focus-floor- distance	456mm-2018 mm
Tube rotation in x-axis	+/-180 degrees
Tube rotation in z-axis	151 Grad (+133/-18)
Cassette compartment	Up to size 35x43 cm
Maximum lengths of the unit	1338 mm
Maximum width in parking position	700 mm
Weight	185 Kg
Power supply	
Line connection	115/230 V+/-10%,50/60Hz with automatical line regulation
Line resistance	< 1 Ohm
Fuse	16 A slow

Measurements and dimensions:



CE 0473

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