



# Siemens Magnetom Sola

System Specifications



## Unit details and dimensions

Type	Relocatable
Length	15 m
Width of unit	4.0 m
Height	3.4 m
Weight	40,000 kg
Min. area for placement	18m x 6x subject to site survey

## System specifications

No. of channels	204
Gantry Aperture	70 cm
Software Rel.	Syngo MR XA51A with BioMatrix Technology
Gradient Type	XJ
Max Amplitude	33 mT/m
Max Slew Rate	125 mT/m/ms
Table Config	Dockable Patient Table
Table Safe Working Load	250 kg (550 lbs)
Table Scannable Range	2050 mm
Minimum Table Height	560 mm
Patient Positioning Pads	Included
Injector	MEDRAD MRXperion

Coils	BioMatrix Head with coil shim 20ch BioMatrix Spine with resp sensors 32ch Body 18ch Long Body 18ch Shoulder Shape 16ch Hand/wrist 16ch Knee Tx/Rx 18ch Foot/Ankle 16ch Flex Large 18ch with I/F Flex Small 18ch with I/F
Quiet Suite+D	Quieter examinations for neurology and orthopedics with at least 70% sound reduction
Tim Whole Body & Planning Suite	Enables table movement for imaging of up to 205 cm & multiple regions in the entire body through measurement planning on a single FOV
Turbo Suite Essential	Cutting Edge Acceleration Techniques for Maximum Productivity
Syngo TimCT Fastview	"One go" localizer for the whole body
SWI Tim	Susceptibility weighted imaging – high-res 3D imaging technique for the brain
Advanced Diffusion	QuietX DWI and RESOLVE combine to make up the Advanced Diffusion package
WARP & Advanced WARP	Reduces susceptibility artifacts caused by orthopedic MR-conditional metal implants
Advanced Cardiac	Advanced cardiac imaging including 3D and 4D BEAT functionalities
Flow Quantification	Sequences for quantitative assessment of flow, including 4D flow
MR Cardiac Flow	Velocity-encoded MR images to evaluate blood flow dynamics e.g. Cardiac

## Unit features

Tri-Zone air conditioning
Fire alarm system – fully linkable to hospital or facility alarm
Hydraulic lifting system
Music system for scan room & control room
Switchable frozed glass for patient privacy
Patient changing room with lockable door, storage lockers and patient alarm
Ceiling mounted patient comfort skylight in scan room
Remote OEM service connectivity & OEM service contract on all equipment
Easy integration for full DICOM connectivity (via VISBION CUBE)
Remote OEM Service Support & syngo Expert-i

## Electrical requirements from customer

400V, 3 phase, 50HZ, 250A Marachell DS2 Female Connector with Dedicated Earth