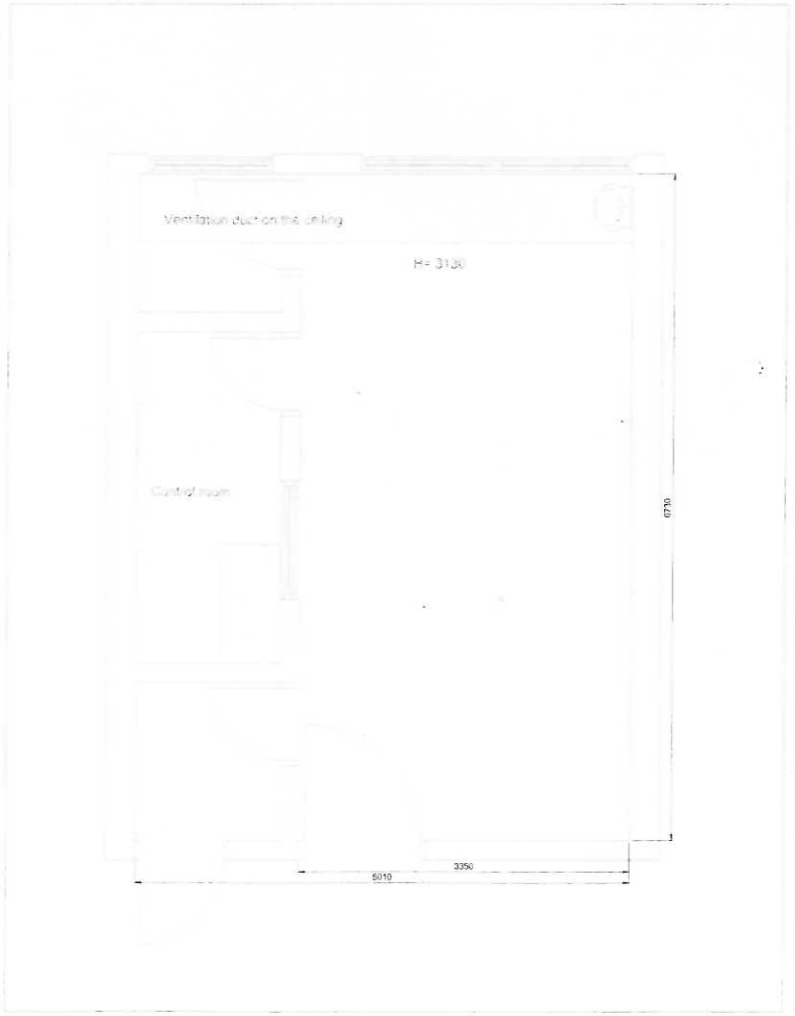

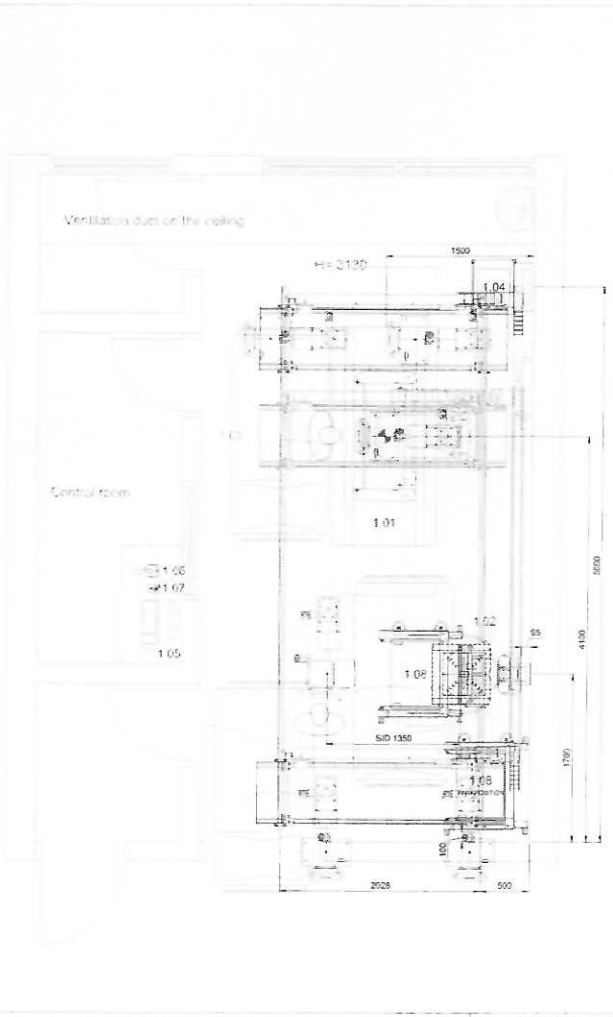

Environment DR 600

	Operation	Transport	Storage
Temperature (ambient)	10 to 35 °C	-15 to 60 °C	-15 to 60 °C
Relative Humidity (non condensing)	30 to 75 %	15 to 90 %	15 to 90 %
Atmospheric pressure	70 to 106 kPa	70 to 106 kPa	70 to 106 kPa

Transport DR 600

Packings / Contents	Size (width X depth X height)	Weight
Box with table	95x160x110 cm	± 420kg
Box with Wall Stand	80x240x130 cm*	± 410kg
Box with Ceiling Suspension	90x160x150 cm	± 420kg
Box with Generator, NX, detectors and related accessories	85x173x140 cm	± 370kg
Box with Table Top and floor templates (Wall Stand - Table)	95x230x35 cm	± 73kg

* = tilting version without spacer

AGFA DR 600 – Equipment Legend

Pos.	Description	Weight (kg)
1.01	X-Ray Table	230
1.02	Wall Stand	196*
1.03	Ceiling Suspension	351
1.04	Generator HFe Serie	120
1.05	Agfa Workstation	-
1.06	Generator on/off and exposure switch	-
1.07	Dead man switch/autopositioning	-
1.09	DX-D FLFS	-

* = tilting version without spacer

Unit arrangement and Site preparations

This was made in conformity with the constructional planning references and the project equipment. We reserve the right to make technical alterations. Before the construction work is completed it has to be ascertained that there are no changes in the original project.

The scope of delivery and services is described and determinded in the order confirmation.

All data serve for the on-site preparation for installation and cabling of the DR 600 system in order to ensure correct operation.

This plan is not a construction drawing and is not to be used for carrying out construction work.

Room dimensioning

The indicated room dimensions have to be checked on site. The planning department has to be informed about possible deviations. Otherwise we cannot assume any guarantee for the accurate implementation of the dimensions indicated in the planning documents.

Dimensioning

All installation measurements apply to finished wall or floors and are to be checked prior to assembling the unit.

cm mm

Orientation point = reference point of the unit for planning and installation

Insufficient safety distances

In accordance with the standard EN 349, actions must be taken to ensure safety in danger zones. A danger zone is an area in which the possibility of injury exists because of the position or design of stationary or moving parts of a technical product.
These danger zones can be made safe through the use of protective facilities (clothing, coverings, safety barriers such as light barriers, switching strips, switching mats, conspicuous warning signs hanging by cords).
Here, it must be ensured that the protective facilities are designed and positioned in such a way that the safety distances are not changed.
The safety distances at crushing points must, for example, be > 50 cm for the body, > 18 cm for the legs, > 10 cm for the hands and > 12 cm for the feet and arms.
Notice !
When setting up pieces of equipment and making other installations which are not included in this planning, it must be ensured that the safety distances are maintained.

Room lighting

Ambient light in rooms where diagnosis take place on image display devices (monitors) must meet the following requirements:
- Free of dazzle, controllable, reproducible setting of the lighting intensity (e.g dimmer with scale)
- No reflections from windows, lamps and viewing boxes in the usual operating position of the image display devices.

This is a specification of DIN 6868-57 in Germany, which should also be complied within all other countries. In regard to the lighting of rooms for diagnostic imaging and treatment procedures, the intensity of the lighting in general depends on the type of procedure.
If only X-ray exposures are produced, the requirements for lighting for diagnostic imaging with image intensifiers apply (50 lx).
When images are displayed on monitors, the possibility of reducing the general lighting intensity must be provided (30 lx, if necessary, down to 1 lx).
Reflections and glare on the screen must be avoided (DIN 5035-3, EN 12464).
As a rule, therapy rooms require a general lighting with a nominal lighting intensity of 300 lx.
This also applies to rooms where patients are treated with physical, radiological or electromedical procedures.

Statics DR 600

The system has to be installed on a solid surface with sufficient load carrying capacity, such as: e.g concrete. If the underground, e.g. screed, doesn't have a sufficient bearing load, it must be removed and replaced by a concrete replenishment min. C20/25. If an appropriate substructure is provided on site the unit may also be mounted on installation floors.

Planning recommendations

According to the German standard (DIN 6812) an inter-visibility and a voice communication is required between the patient and the operator.
Consider the ceiling mounted devices and light barriers by arranging the lamps.
Darkening of windows in X-ray and control rooms is recommended.

Notes on Preparations for Installation

The preparations for installation include routing network lines as well as product-specific wiring and cables for transfer of digital information, pulling cables into present conduit, installing fuse boxes, switches (e.g. main, ground fault and emergency shut-off switches), illuminated signs, transformers with separate windings and insulation monitors, installation of cable ducts, installation floors and conduits according to plans completed by us; the same applies for completion and fastening of special constructions for mounting equipment on ceilings, intermediate ceilings, floors and walls as well as installation of heavy load anchors.
Contracts for performing and supervising on-site installation preparations should be concluded with technically competent companies directly by the ordering party. The ordering party is responsible for timely and proper completion and supervision of all preparations for installation at the construction site in observance of all applicable legal regulations (e.g. X-ray regulations, radiation protection regulations) and all applicable general recognized rules of technology (e.g. VDE regulations, DIN standards).
Execution and supervision of installation preparations at the construction site and later observance of the standard operating conditions are not included in our duties.
The ordering party is responsible for checking the static calculations and, where applicable, the air conditioning in the building to be equipped.

Option 2

Measurements DR600

Standard Ceiling Suspension

Length of Longitudinal Rail	Length of Transversal Bridge
5500mm	2500mm

Cablelength 20m

Customer Release Acknowledgement

I agree to this preliminary as the basis for implementation planning.
We have been informed of the importance of heeding all notes and requirements.
Agfa Healthcare does not check and monitor compliance with on-site requirements and planning specifications, such as structural engineering, climate control, preparations for installation and electrical installations. We will contract the implementation and monitoring of on-site preparations for installation to qualified specialists.

Customer: Name | Signature | Date

	Name	Signature	Date
First creation		Customer, Technologist	
Editing progression		Editor	Checked Sign Released Sign

AGFA

General Hospital Leskovac - Floor version 1
Leskovac
Serbia

Option 2

Room height finished floor to
Concrete Ceiling
Suspended Ceiling

AGFA DR 600

Scale 1:25
0m 1m

Customer number	Project	Plan index	Persons	
	AGFA	A1.01		A1