

Making **BIG** prints in small rooms.

(“Making it big” in small rooms with Durst equipment.)



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DISCLAIMER:

All measurements are approximate.

All measurements can be modified and adjusted to fit each users requirements.

Scales are approximate and subject to printer interpretations.

All recomendations are made to our best knowledge.

PRINTING MAXIMUM 30X40" (76X101CM) PRINTS

from 8x10" using a 300mm enlarging lens and a standard vacuum baseboard mounted on the wall.

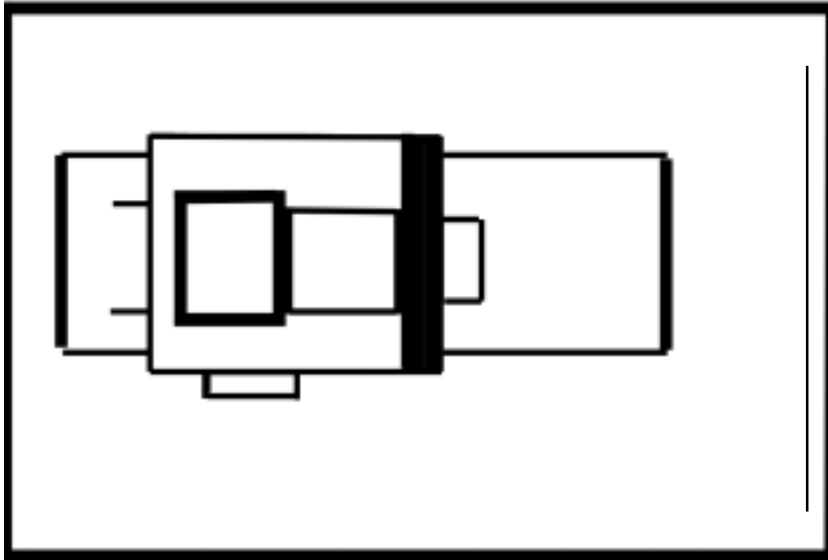
This setup will require one section of track. Each section is 200cm (78.74") long.

Minimum space requirement according to table on page 2 will be a room 9'6" long by 5'11" wide.(290cm by 180cm)

Length would be 104" + 5" in both ends, equal to 114". (9'6" = 290cm) .

A minimum clearance on both sides of the machine would be 19" on the left side of the machine and 22" on the right side – if the keyboard is placed on the right side – which is standard making - the total width of the room 30"+19+22 = 71" (5'11" = 180cm). This room size will certainly make it possible to produce 30x40" prints although an ideal MINIMUM size of the room would be 120" long by 98" wide (304cm x 249cm).

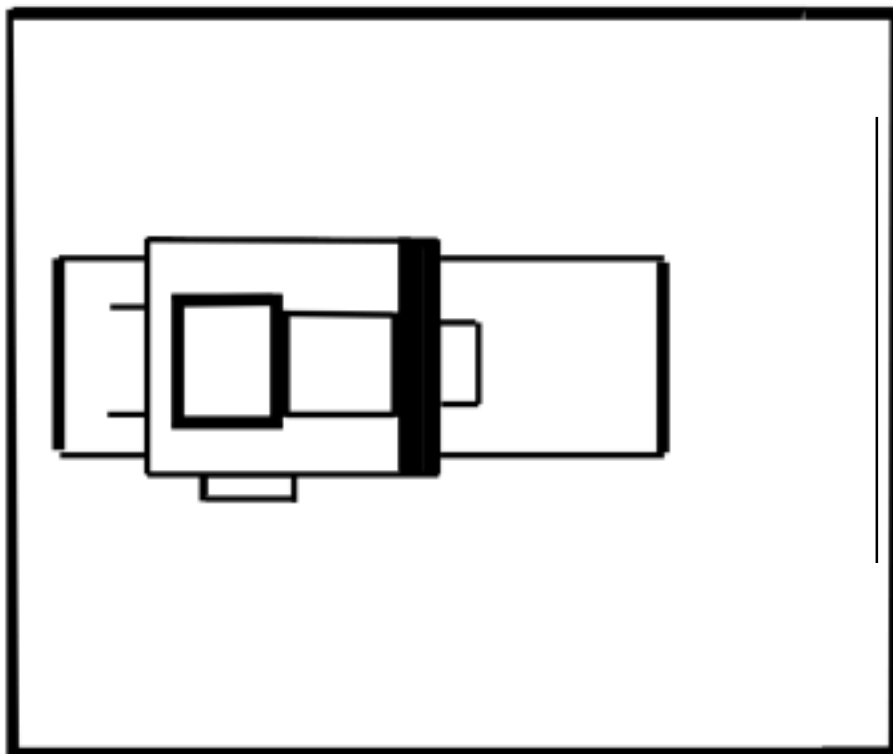
An even larger room would allow for cabinets or tables.



Scale 1:25

Minimum room size 9'6" long by 5'11" wide.

Minimum room size 290cm long by 180cm wide



Scale 1:25

Ideal minimum room size 10' long by 8'2" wide.

Ideal Minimum room size 304cm long by 249cm wide

PRINTING MAXIMUM 50x60”(127X152CM) PRINTS

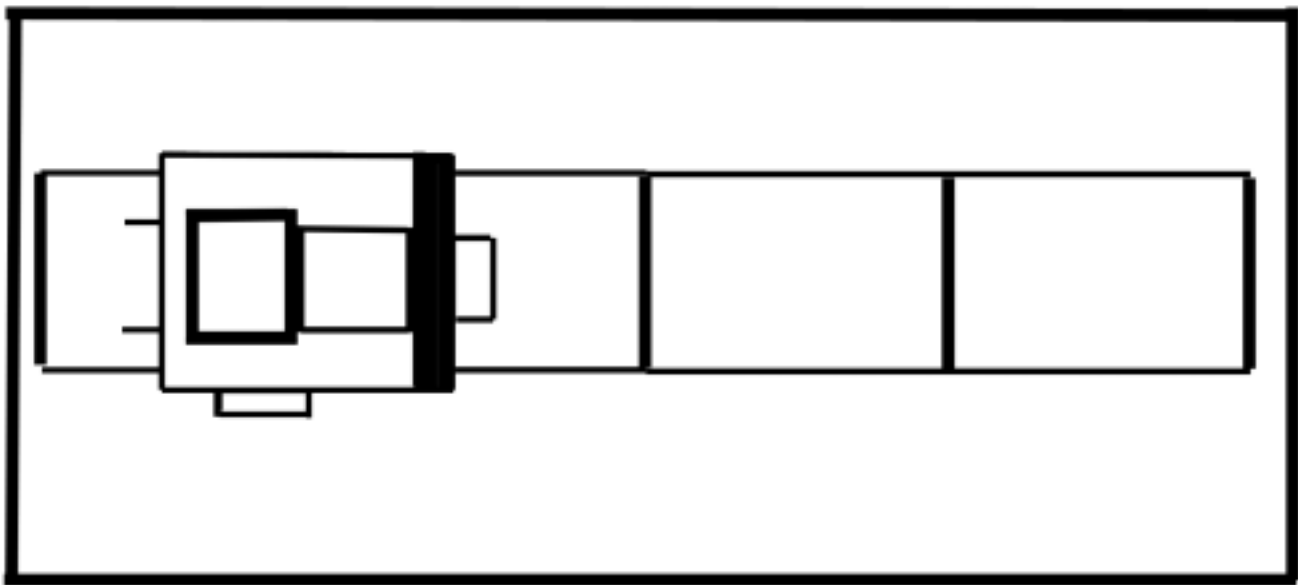
from 8x10” using a 300mm enlarging lens and a standard vacuum baseboard mounted on the wall.

This setup will require two sections of track. Each section is 200cm (78.74”) long.

Minimum space requirement according to table on page 2 will be a room 12’1” long by 5’11” wide. (368cm by 180cm)

Length would be 135” + 5” in both ends equal to 145”. (12’1” = 368cm) .

A minimum clearance on both sides of the machine would be 19” on the left side of the machine and 22” on the right side – if the keyboard is placed on the right side – which is standard making - the total width of the room $30”+19+22 = 71”$ (5’11” = 180cm).



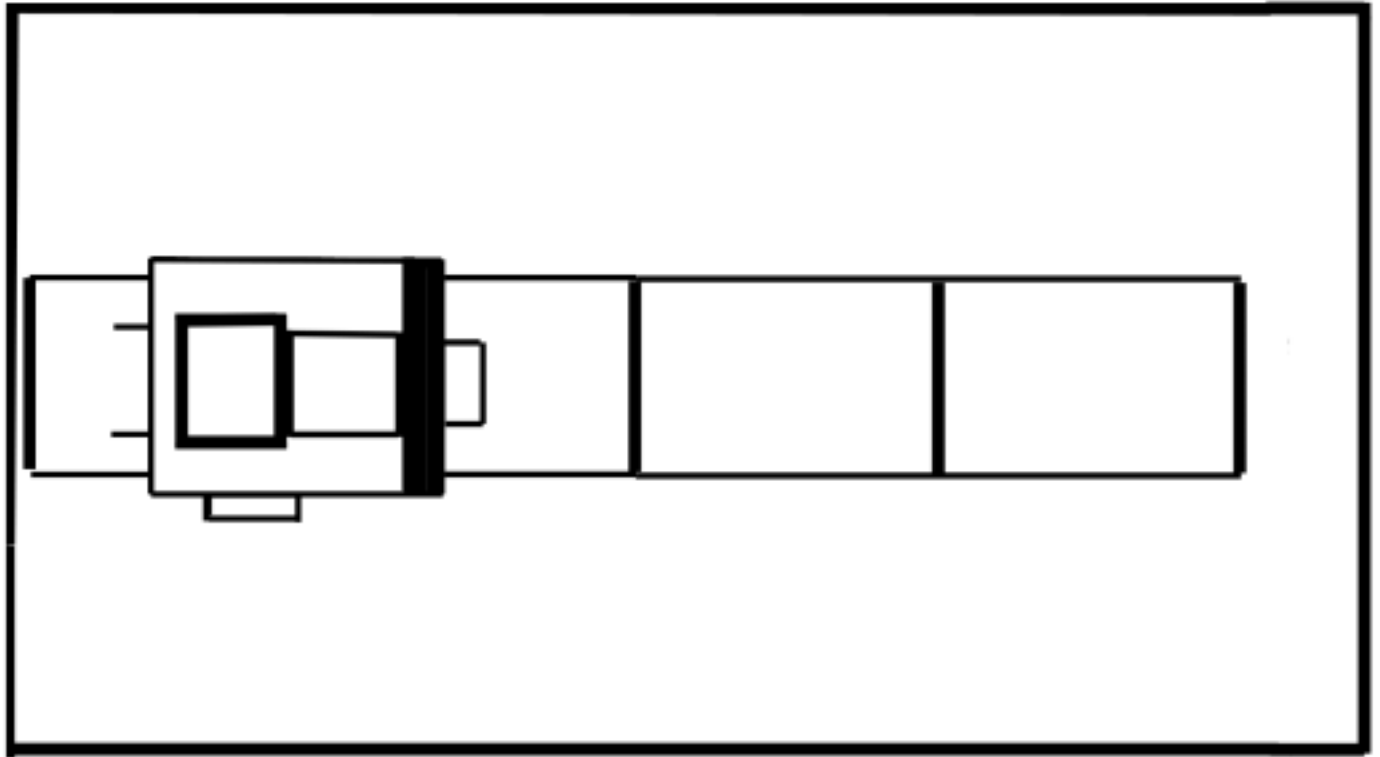
Scale 1:25

Minimum room size 12’1” long by 5’11” wide.

Minimum room size 368cm long by 180cm wide

This room size will certainly make it possible to produce 50x60" prints although an ideal MINIMUM size of the room would be 157" long by 98" wide (400cm x 249cm).

An even larger room would allow for cabinets or tables.

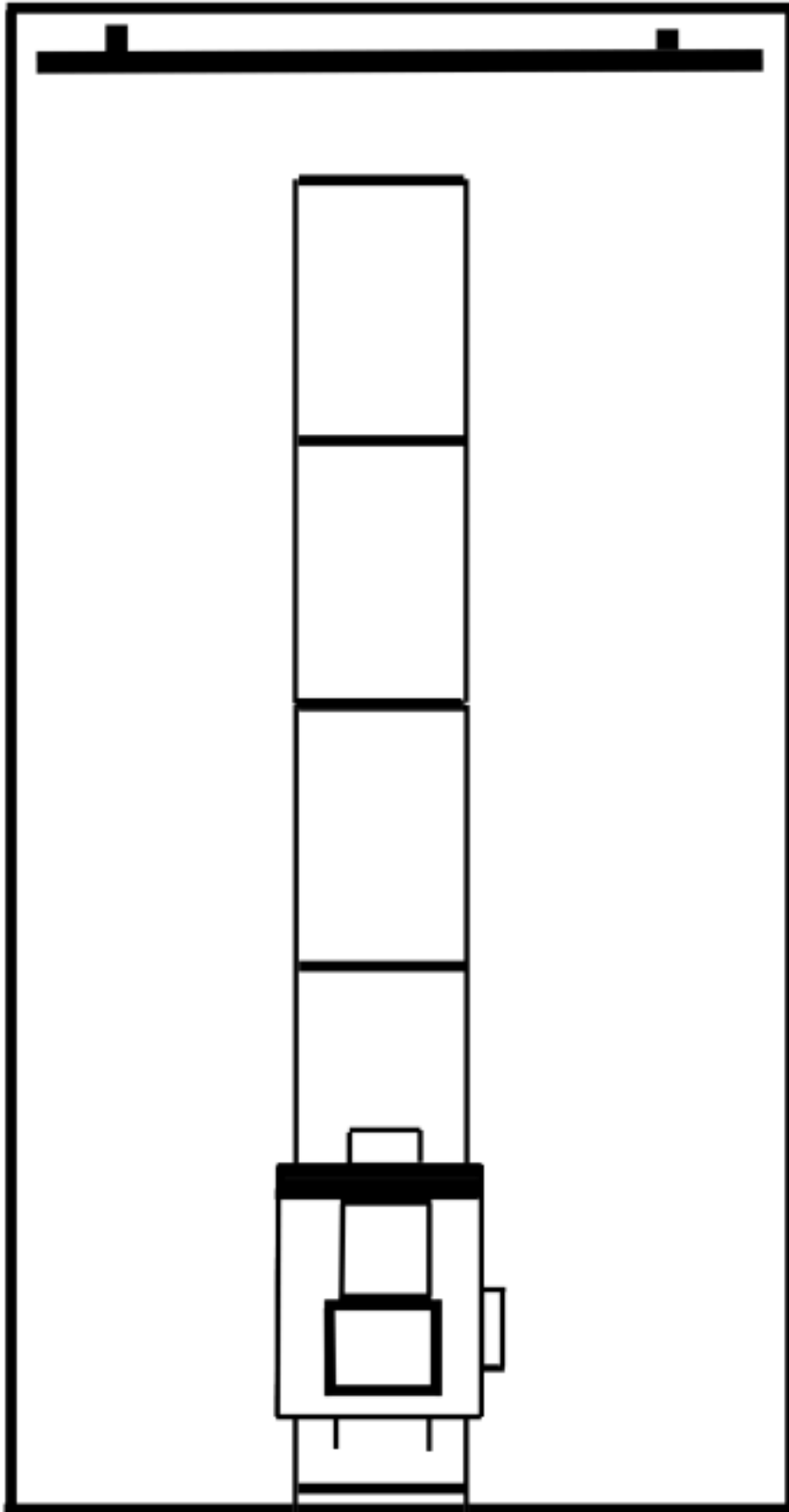


Scale 1:25

Ideal minimum room size 13'1" long by 8'2" wide.

Ideal Minimum room size 400cm long by 249cm wide

PRINTING MAXIMUM 80x100" (200X254CM) PRINTS from 8x10" using a 300mm enlarging.



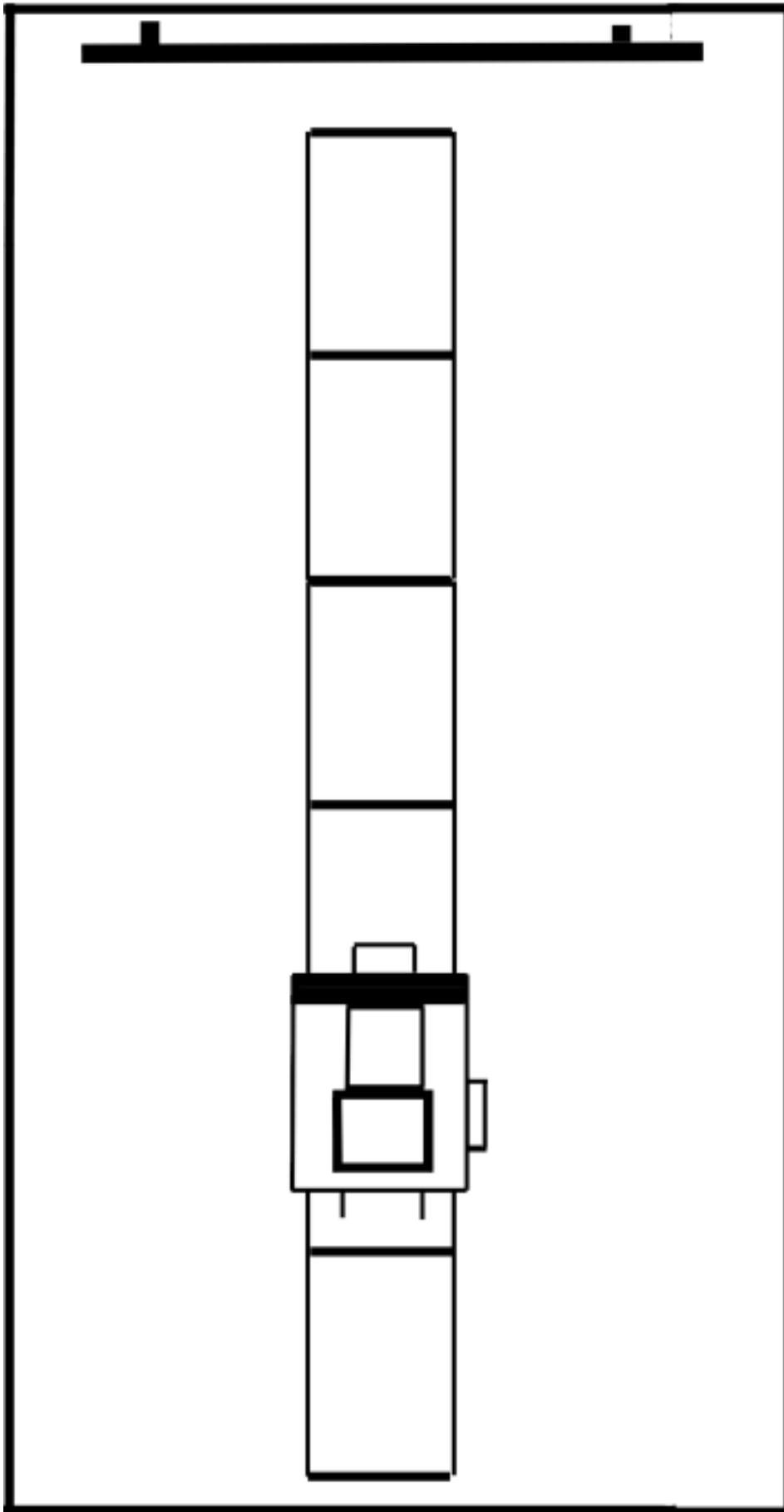
This setup will require three sections of track. Each section is 200cm (78.74") long. In the minimum space we have had to shorten one length of track to approx. half size to make room for the vacuum wall.

Minimum space requirement will be a room 18'11" long by 10' wide. (574cm by 305cm)

The reason we here operate with a different set of requirements is the fact that we now utilize a REFREMA vacuum wall. This wall require space behind it and takes up approx. 3 feet in thickness.

This room size will certainly make it possible to produce 80x100" prints although an ideal MINIMUM size of the room would be 22'2" long by 11'8" wide (675 x 355cm).

Scale 1:25



Ideal MINIMUM size of the room would be 22'2" long by 11'8" wide (675 x 355cm).

It would allow full use of all three sections of track.

Scale 1:29

due to the size of the page.

Refrema

Roll Easel



**MAKE
IT BIG!**

Make it big with

Refrema

Roll Easel

Anybody who has tried to manipulate a fifteen feet length of photographic paper or duratrans material in total darkness will know how difficult it is to avoid creasing and tearing. It is even more difficult to position it when using pins, tape or magnets to hold it in place. And getting the right alignment has broken many technician's heart.

The waste involved in time as well as material can make the production of large mural prints a very expensive operation. The patented REFREMA Roll Easel provides you with the right solution to these problems and enables you to put your large print production on a profitable basis.

How it works



The print is focused to the grey backplate of the machine. The width of the picture is set by means of sensors underneath. From the starting position on the left or right hand side of the machine both magazines move to the

left hand sensor where they stop. The take-up magazine (the one on the left) remains in position while the paper magazine moves back to the right hand sensor and stops. As the paper magazine moves to the

REFREMA Roll Easel reduces labour time

Many laboratory owners worldwide have now found out by experience how easy it is to increase the profitability of their mural business. With the Refrema Roll Easel it is possible for a single person to produce a large number of prints up to 73 inches wide in a fraction of the time normally taken, completely eliminating the risk of damage sometimes caused to paper by creasing and sweat marks etc. and when producing long runs you can leave the darkroom and let the REFREMA Roll Easel do the work for you safely and economically. After the exposures have been made the roll can be loaded into a processor and left releasing the operator of the time spent standing and loading the many cut sheets into the processor one by one.

REFREMA Roll Easel reduces paper waste

Some laboratory owners tell us that they save up to 40% when using the REFREMA

Roll Easel. Just imagine what this means on a yearly basis with the increasing costs of paper and duratrans material.

REFREMA Roll Easel makes the lab more profitable

By reducing man power from two to one when making large prints.

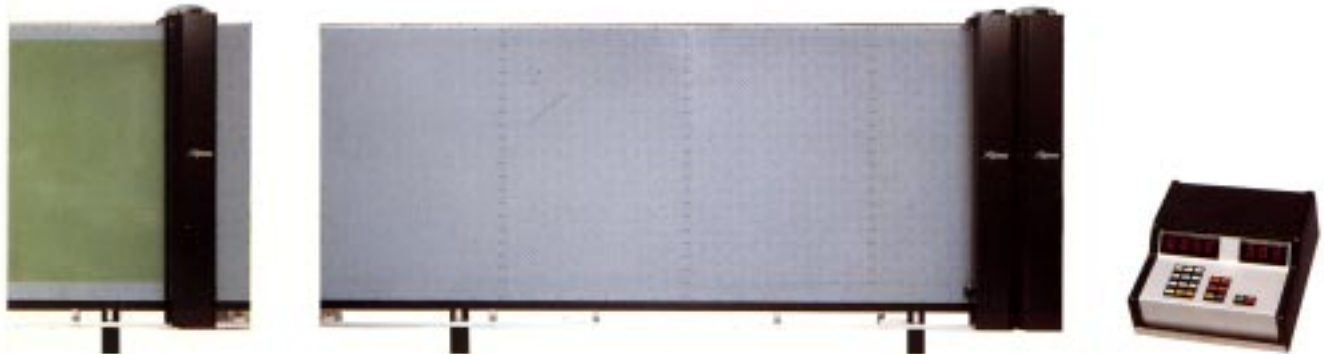
No person standing and feeding the processor with cut sheets. Just load on the roll and leave the machine.

No person waiting for the sheets to come out of the processor.

Almost no waste at all.

You can produce all of your prints with the minimum of waste. The REFREMA Roll Easel allows you to produce prints with only one centimeter between copies.

A faster turnaround time of your orders in the laboratory which is of benefit to both you and your clients. A safer and more reliable production. The REFREMA Roll Easel provides the answer for your mural production.



right the paper is rolled out and held in position against the vacuum backed wall. The print can now be exposed. Next the take-up magazine moves to the right hand sensor. At this time the exposed

paper is rolled into it. The machine is now ready for repetitive automatic exposure from the same negative or transparency or the machine can be re-set to the starting position for a new negative.

REFREMA Roll Easel Sizes:

Few darkrooms in the world are exactly the same size. For this reason and also due to the REFREMA policy of tailoring your Roll Easel to suit your darkroom we base our operation on two different widths, 55 inch and 73 inch. The models are built up in sections to give the total picture area of either 6 feet, 10 feet, 15 feet or 20 feet. We have even built Roll Easels with a picture area of up to 30 feet.

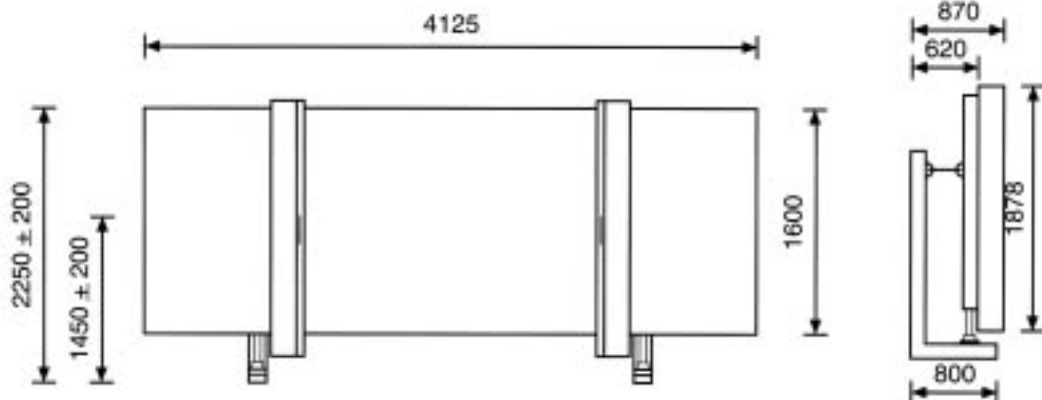
Below you will find dimensions for the models 55 inch x 10 feet and 73 inch x 15 feet (picture area) to give you an approximate idea of their overall sizes.

Picture area 55 inch x 10 feet.

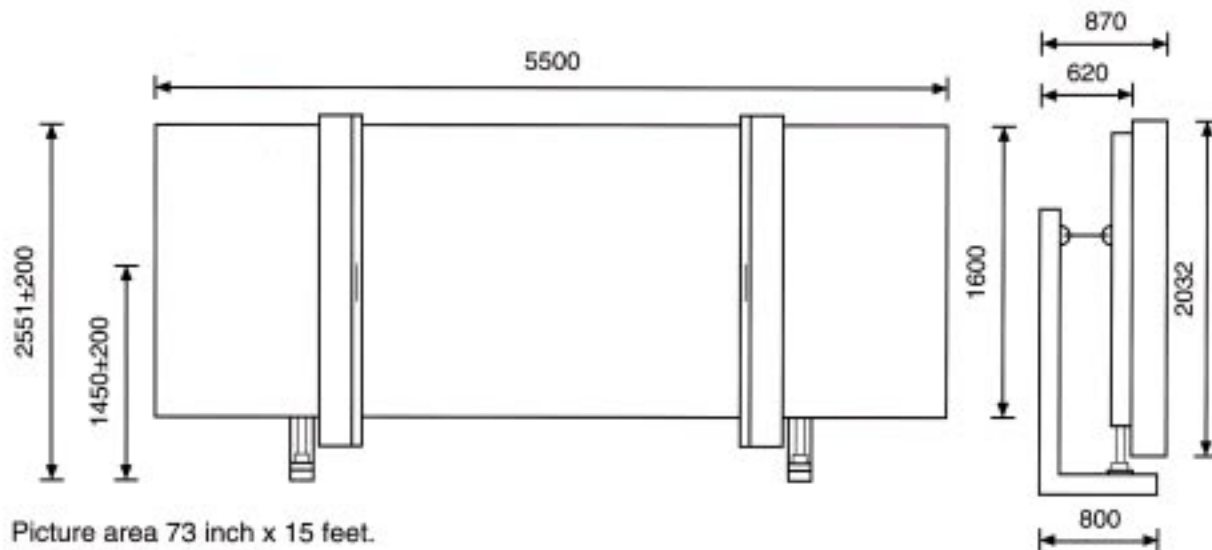
All dimensions in mm.

NOTE:

Height of screen adjustable to required height (1450 +/- 200) when being assembled.



Designed by Bert Hübner



Picture area 73 inch x 15 feet.

All dimensions in mm.

NOTE:

Height of screen adjustable to required height (1450 +/- 200) when being assembled.

The REFREMA Roll Easels are a patented product.

Subject to certain changes.

Refrema