

TECHNICAL SPECIFICATION

SKYLINER

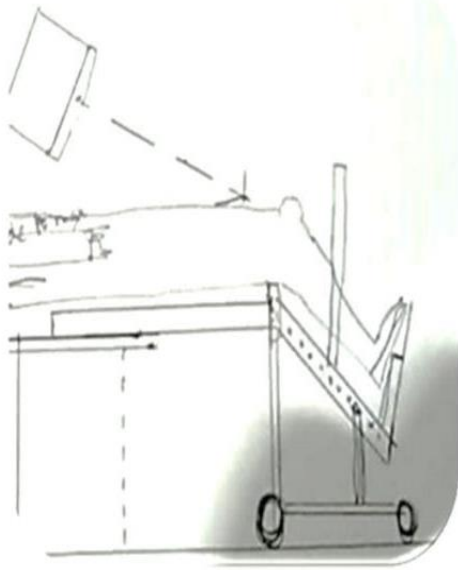


Click the link or QR code for technical specification:
<https://youtu.be/3JKweft5dxc>

BY

SUNRISE TEAM

PRELIMINARY DRAFT



BENEFITS OF SKYLINER APPLICATION

1. To secure X-ray detectors and assist during positioning the knee skyline view
2. User friendliness and portable
3. Provides comfort to the patient during positioning the knee skyline view
4. Helps to reduce positioning time when compared to the conventional method
5. Patients are not required to hold the X-ray detector during positioning



THE CREATION OF SKYLINER



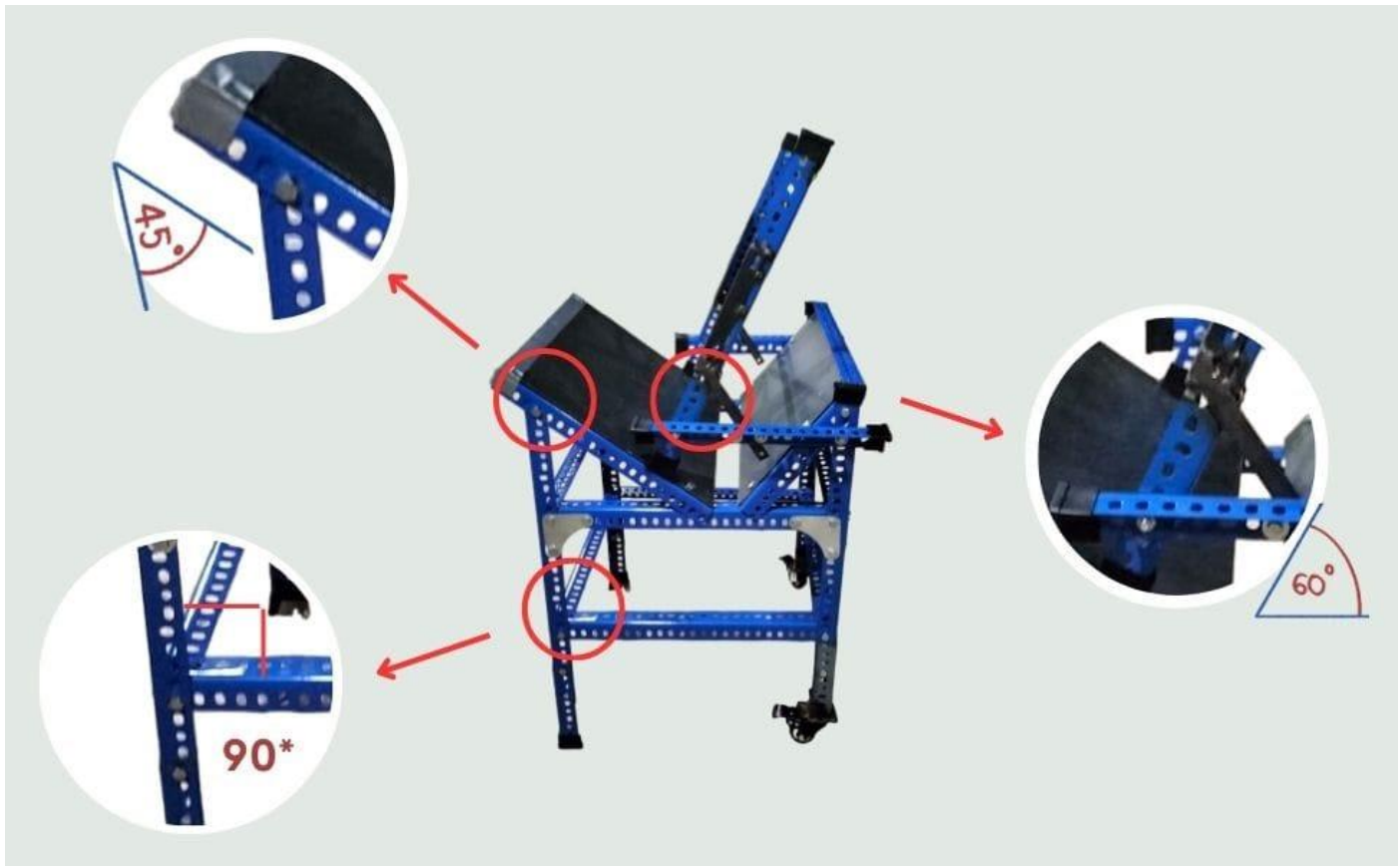


FRAMEWORK OF SKYLINER



DESIGN & BUILD UP OF SKYLINER





Slotted Angle Bar

- Adjustable
- Metal coated with anti-rust
- Durable



Aluminium Composite Panel

- Easily cleaned and sterilized
- Robust and sturdy



Rubber Base

- Anti-slip
- Reduce noise
- Protect tiles



Screw Bolt & Nut

- To secure and grip material



Corner Plate

- To enhance stabilization



Swivel Casters Wheel Roller

- Easily wheel
- Come with a brake



WITH BRAKE

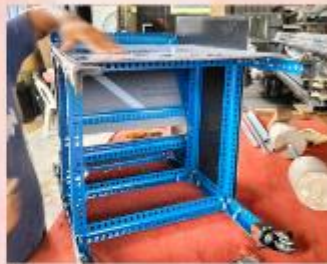


**Without casing
(SKYLINER-PROTOTYPE)**



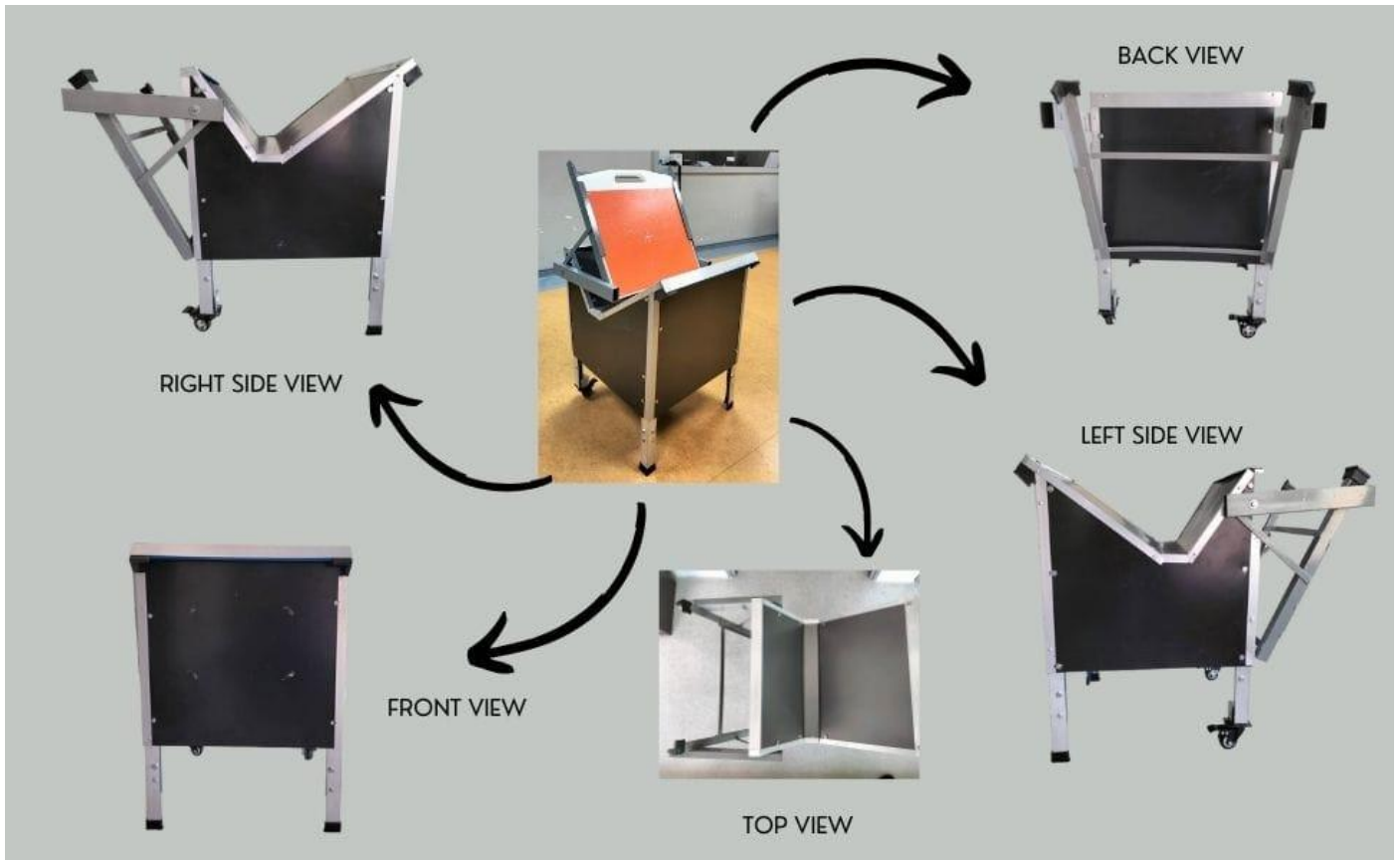
**With casing
(SKYLINER)**

MODIFICATION WITH CASING INSERTED TO THE SKYLINER





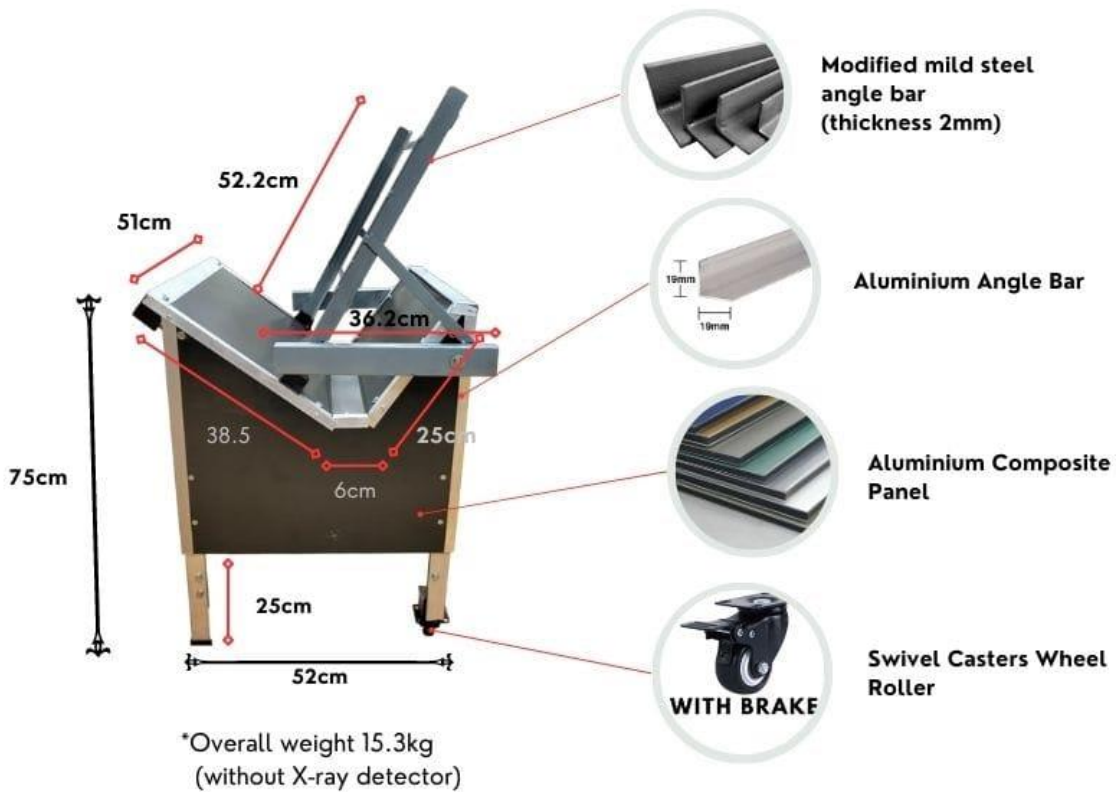
BRINGING TOGETHER PARTS INTO END PRODUCT, THE SKYLINER



**X-RAY DETECTOR +
DETECTOR COVER
(35 X 43 CM); WEIGHT 4 KG**



Free rotation (pull back before position patients feet)





3cm thickness
supporting sponge
placed under both
knees for patient's
comfort

1cm thickness sponge
under cassette border
for patient's comfort

