

PRODUCT INFO SHEET

Super SAM 325

SAM sets the world standard for excellence. Designed and manufactured by the inventors of the Spring Assisted Mechanism (SAM) and Dynamic Sub Frame (DSF). The SAM system is low-maintenance (no hydraulic oil or electricity needed) and easy to operate. One step easy set-up system, within 5 seconds 1 person can set the basketball backstop into the right game position.



Ref. 1612000



FIBA
BASKETBALL
WORLD CUP
China 2019



Technical Specifications

Projection:	325 cm.
Positioning:	Lifting and lowering by use of SAM system (Spring Assisted Mechanism): easy, safe and low-maintenance. Fine tuning of the ring height for perfect adjustment in game position.
Stability:	Patented DSF system (Dynamic Sub Frame): when raising the unit, the base frame automatically lowers onto the floor. This ensures the basketball backstop is immediately in the right game position and the weight is evenly distributed.
Backstop:	Strong and stable, white coated high-tensile strength steel frame. Lifetime maintenance free pivot bearings, 100% enclosed counter weights.
Wheels:	2 triple swivel wheels in the front and 2 triple fixed wheels in the rear for optimal weight distribution, all with bearings for great mobility.
Backboard:	Patented dunk-proof 12 mm glass with a full-perimeter steel frame and cut-out for the ring.
Ring:	Pro-Action 180° multi-directional, top competition breakaway dunk ring, with concealed net attachments.
Net:	Sturdy nylon Anti-Whip basketball net, 6 mm.
Padding:	Impact area padding on both the front and sides of the base frame. Standard colour Scheide blue. Backboard protection padding is made of high density PU foam. Optional: paddings can be personalized. Contact us for further information.
Dimensions:	Storage position (lxwxh) ca 5,22x1,90x2,10 cm Automatic beam lock in storage position. Playing position (lxwxh) ca 585x190x395 cm. Automatic snap lock on telescope in playing position
Transport:	Equipped with openings for a forklift truck for transport over longer distances
Anchored:	Floor hook at the rear of the frame. 2 positioning pins for quick and precise installation on the court. Floor connector set included: for both PU floors and suspended floors
Standard:	in accordance with EN-1270.
FIBA level:	FIBA Level 1 approved



Storage position

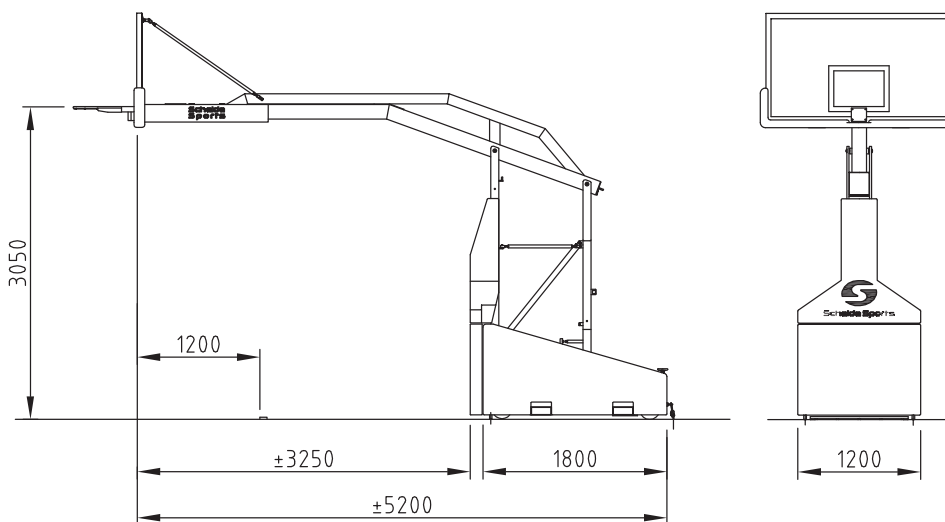


Ring height 260 cm

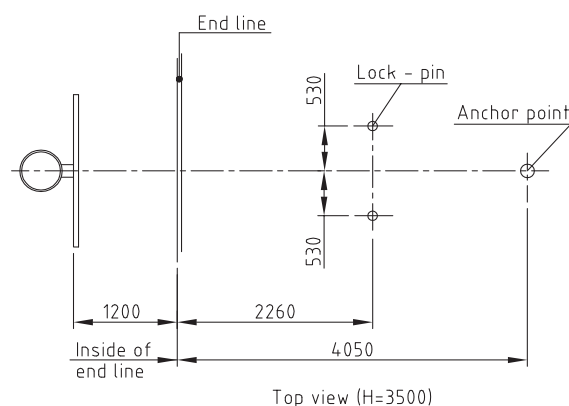
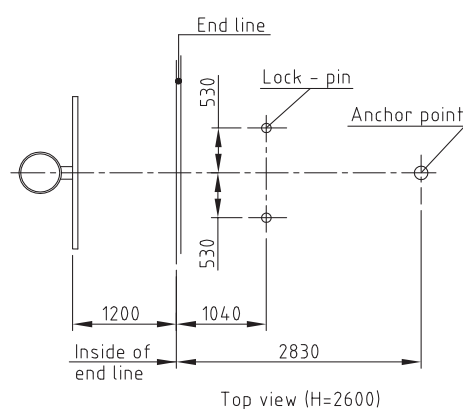


Ring height 305 cm

Measurements in game position



Measurements for anchoring system



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Weight/floor pressure

Total weight 1,445 kg

Total load on wheels in transport position:

Front wheels 705 kg

Rear wheels 740 kg

Floor pressure in transport position:

Front wheels 2x3 6,5 kg/cm²

Rear wheels 2x3 6,8 kg/cm²

Total load in game position:

Front (DSF/Pedestal Feet) 1.010 kg

Rear (wheels) 435 kg

Floor pressure in game position:

Rear wheels 2x3 4,5 kg/cm²

DSF Dynamic Sub Frame 2,0 kg/cm²

Floor Pressure while dunking (dunk & let loose)

Dynamic Sub Frame 3,3 kg/cm²

Floor Pressure while extreme dunking

Dynamic Sub Frame 5,66 kg/cm²

Safety zone (backboard to front of impact area) 325 cm

Distance from inside end line to nearest wall needed for setup with AUTOMATIC DSF is 525 cm. If distance is less, MANUAL DSF option is required. Minimum distance required for use with MANUAL DSF is 405 cm from inside end line to nearest wall.