

STARGATE™ TRUSS-TUBE GOTO DOBSONIAN TELESCOPES

REALLY BIG MIRRORS MEET REALLY ACCURATE GOTO



Exclusive Fused Conical Mirror
Light weight and fast cooling

**Freedom Find™
Dual Encoder Technology**
Dual encoders allow for
accurate tracking
as well as manual pointing
while maintaining alignment

Quick Assembly
Usually 20 minutes or less

Sky-Watcher® USA
Be amazed.



18 inch
(with clamps)



20 inch
(with shroud)

Sky-Watcher Stargate truss-tube Dobsonians are the biggest thing to happen to the astronomy market in quite some time. Available in 18 and 20 inch models, these are the largest mass-market Dobsonians available anywhere.

Stargates feature Sky-Watcher's exclusive fused conical parabolic mirrors. The fused design allows for a thinner mirror construction that provides faster cooling and lighter weight. Combined with the cast cellular secondary mirror and Sky-Watcher's 94% reflectivity coatings, Stargate delivers bright, detailed views of your favorite deep sky objects. The 18 inch model captures 27% more light than our 16 inch, while the 20 inch (a full half-meter of aperture) boasts a monster 56% more light gathering power.

The Stargate provides motorized operation in both alt and azimuth axes. And, with the SynScan hand controller's computerized database, can track over 42,900+ celestial objects. Sky-Watcher's exclusive Freedom-Find™ dual-encoder technology allows the telescope to be moved manually in either axis without losing its alignment or positional information. This allows you to slew the scope manually without having to realign.

Stargate come complete with three 2.3 pound counterweights, 9x50 finderscope, two eyepieces (28mm, 10mm), collimation eyepiece, stabilizing clamps and ribbed fabric shroud.

For more information about the Sky-Watcher USA line of Stargate Truss-Tube Dobsonians, please visit www.skywatcherusa.com.

Model	18 inch	20 inch
SKU	S11920	S11930
UPC	050234119207	050234119306
Optical design	Newtonian reflector	
Mirror diameter	458mm	508mm
Mirror type	Fused conical parabolic	
Focal length	1900mm	2000mm
F-ratio	4.1	3.9
Finderscope	9x50 straight-through	
Eyepieces/Power	28mm/68x, 10mm/190x	28mm/71x, 10mm/200x
Eyepiece height at zenith (inches)	74.5	76
Finder	2 inch dual-speed Crayford-style	
Included accessories	Three 2.3 pound counterweights; six truss-tube clamps; shroud; collimation eyepiece	
Upper cage weight (pounds)	11	12
Truss poles weight (pounds)	16 (2.6 each)	16 (2.6 each)
Rocker box with mirror weight (pounds)	62	70
Base weight (pounds)	66	66
Fully assembled weight (pounds)	155	164
Price	\$6,999	\$7,999

Sky-Watcher USA
475 Alaska Avenue
Torrance, CA 90503
310.803.5953 | www.skywatcherusa.com

©2016 Sky-Watcher USA. All rights reserved. Specifications subject to change without notice. 30-16001

Sky-Watcher® USA
Be amazed.