

# scaWaterjet

**Designed for User Productivity and Comfort, Engineered for Function and Quality.**

The **scaWaterjet** is a water jetting spray booth capable of coarse and fine support material removal for various AM processes. The capability to be plumbed direct or used stand-alone with an included mobile water tank allows for industrial uses or difficult-to-plumb situations such as offices. It features a gasketed window with internal mount wiper blade assembly for clear view of the LED-illuminated work area, ergonomically-considered front cabinet design & gloved ports for operator part handling, with two water-jetting spray wands - both capable of high- and low-pressure operation to fit the needs of support removal for your delicate and rigid parts alike. The covered mobile support frame minimizes collection of shop debris and dust inside the cabinet, while also allowing for a sit/stand option for operators, with easy access to the pump and holding tank. The scaWaterjet was specifically designed to meet your AM-based water spray & jetting needs.

Designed and Developed by **ORYX**  
in Tempe, AZ USA



o r y x a d d i t i v e . c o m



**ORYX Additive** was founded to help additive manufacturers increase output while improving upon quality levels by developing and implementing proven, controlled, and integrated finishing technologies and processes tailored to their unique needs.

**Our Vision is to...** Collaborate with our customers to achieve the full potential of additive manufacturing.

**Our Mission is to...** Be the trusted partner in the development of comprehensive solutions to meet the needs of our customers.

# scaWaterjet

**scaWaterjet** is a water-pressure based cleaning system capable of removing support material from multiple 3D printed models with rapid bulk and fine detail jetting options. The ergonomic, aesthetically considered design & other unique features make it a superior product for AM service firms, industrial manufacturers, laboratories, offices & other firms with in-house prototyping capability. Manufactured by **ORYX** with the heavy focus on reliability and durability that the AM industry has come to expect from the sca1200ht and sca3600, **scaWaterjet** continues the sca legacy and sets the new standard for water jet spraying.

SYSTEM SPECIFICATIONS

- Overall Size: 30.0 W x 29.5 D x 71.5 H in. (76.0 W x 75.0 D x 181.6 H cm)
- Holding Tank Capacity: 5 gallons (19 liters)
- Maximum Model Size: 19.5 x 15.5 x 8 in. (49.5 x 39.4 x 20.3 cm)
- Power Requirements: 120V~ 60Hz - 15A or 230V~ 50 Hz - 8A versions
- Electrical Protection: 15A / 225VAC Fuse
- Maximum Pressure: 1700 psi (117 bars)
- Dual Spray Wands/Nozzles: 15° spray bulk removal/ 0° spray fine detail removal
- Dual Spray Speeds: High and Low capable with both wand/nozzle type
- Easy-to-see work space w/ Integrated internal LED Lighting & Window Wiper
- Fine and Coarse Screen Filters in work area w/ additional filter on intake hose
- Integral closed Cabinet to protect Pump & Holding Tank area
- Increased Mobility with Casters on All 4 Legs
- 2 Function Modes for water hookup:
  - (1) Direct plumbing - minimum flow of 1.5 gallons/min. (5.7 liters/min.)
  - (2) Mobile self-contained w/ integrated Tank (no flow or external pressure req.)
- Low Water Intake/ Consumption: Less than 1.5 gallons/min. (5.7 liters/min.)
- Wide temperature operating range: 41 to 104° F (5 - 40° C)
- CE, cTUVs, RoHS, WEEE Regulatory Approvals
- 1 Year Warranty & US-based Technical/Customer Support with *strong* AM industry experience



Copyright 2020 ORYX Additive, Inc.



We believe in our products and stand behind them - please feel free to contact us to explore how we can help to provide additional information or product testing for your custom needs & applications!

o r y x a d d i t i v e . c o m