

# Free Spinners

Jet-powered

Rotation

The SG-30 Free Spinner

Tools provide a simple, self-rotating solution to surface cleaning and preparation. It uses 4 jet arms for excellent jet quality and a balanced, stable, self-rotating assembly. It is available in either 18" or 24" jet path diameters and features a universal mounting block and replaceable. AP4 NOZZLE TIPS.

Diverse Applications

WHY has designed numerous systems for specialty cleaning operations. The image at left shows one such application for cleaning conveyor belts. Other applications include skids for boiler cleaning, airport runways, belts, screens and coatings, as well as degreasing and decontaminating concrete.

Self-rotating assembly

18" - 24" jet path diameter

Radiused arms enhance jets

Replaceable nozzle tips

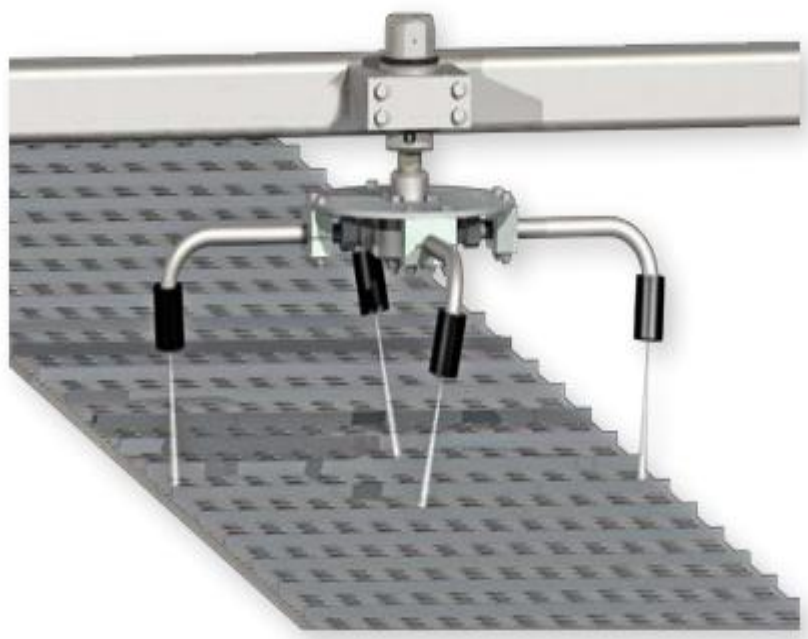
Includes aluminum mounting block

Balanced, stable rotation



Free spinners specification

MODEL	MAX PRESSURE	FLOW	JET PATH	ROTATION SPEED	WEIGHT	HEIGHT
	15kpsi	50gpm	18 or 24in	300-1000rpm	25	13in
	1000bar	190lpm	460 or 620 mm	300-1000rpm	11.3	330mm
	20kpsi	50gpm	18 or 24in	300-1000rpm	26	13in
	1400	190lpm	460 or 620 mm	300-1000rpm	11.3	330mm



# Free Spinners

The SG-40 & SG-50 are fast rotation tools, belt driven to operate at 250 rpm - 1000 rpm. The SG-40 uses an air motor and the SG -50 a hydraulic motor. In the photograph above an SG-40 cleans a tube bundle.

SG 40'' & 50''	15k psi (1000bar)	20k psi (1400bar)
Swivel		
Flow Capacity	50gpm 190lpm	50gpm 190lpm
Flow Rating	2.3Cv	2.3Cv
Rotation	250-1000rpm	250-1000rpm
Inlet port	3/4npt	3/4MP*
Outlet shaft	1-1/8 in.K*	1-1/8 in.K*
Air Sup @ 80psi	40CFM 20l/sec	40CFM 20l/sec
Hydraulic Sup	20k psi @4 gpm	20k psi @4 gpm
Weight	26lbs 11.8kg	26lbs 11.8kg



The SG-60 & SG-70 also feature powered rotation, but at much slower speeds. The two options are 10rpm -50 rpm, and 80rpm-500 rpm. Slower rotation speeds increase dwell time and depth of penetration which has been proven to aid removal of thick deposits, particularly at long standoff distances. The SG-E60 is air-powered and the SG-E70 uses a hydraulic motor.

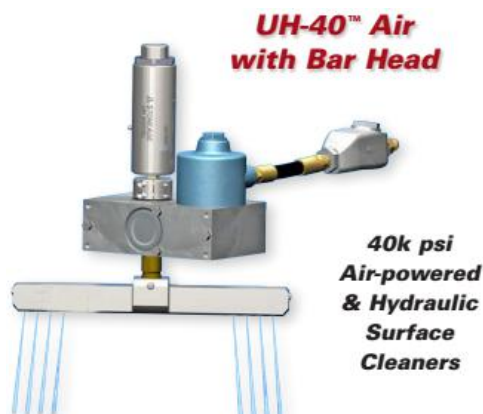
SG E60'' & E70''	15k psi(1000bar)	20k psi(1400bar)
Swivel		
Flow Capacity	110gpm 420lpm	110gpm 420lpm
Flow Rating	4.6Cv	4.6Cv
Rotation	10-50 or 80-500mm	10-50 or 80-500mm
Inlet port	3/4 npt	3/4 MP*
Outlet shaft	1-1/8 in. K**	1-1/8 in. K**
Air Sup @ 80psi	40CFM 20l/sec	40CFM 20l/sec
Hydraulic Sup	20k psi @4 gpm	20k psi @4 gpm
Weight	30 lbs 18.1kg	30 lbs 18.1kg



# Free Spinners

Powered Rotation to 40k psi

The UH-40 & UH-50 Series features the reliable WHY and belt drive system for thorough and productive surface cleaning. Replaceable sapphire jets provide hard hitting power for epoxy coating removal or other surface preparations. The UH-40 uses an air motor and the UH-50 a hydraulic drive. Additional options include a 4-arm jet assembly with up to a 20" jet path or the bar head configuration which gives a 14" jet path. Both feature a rugged, high flow design, an optional 90° inlet and use 3/8" OS6 Sapphire nozzle tips.



**UH-50™ Hydraulic with 4 Arm Assembly**

- Clean belts, screens & conveyors
- Remove epoxy coatings
- Clean paint line carriers
- Prepare surfaces for coatings
- Build custom cleaning systems
- Get results with minimum water flow
- More efficient than hand-held methods
- Optional 90° inlet

Pressure	40K Psi(2800bar)
Swivel	
Flow capacity	20gpm 80lpm
Flow rating	0.50Cv
Rotation speed	250-1000rpm
Inlet Port	9/16HP*
Outlet shaft	9/13HP*
Air supply	40CFM
Weight	26lbs 11.8kg

