

# SPIN JET® Plate-Mounted



Rotating SPIN JET® units are often mounted in place for automated water jet applications, such as parts and fixture cleaning systems, or casting removal. NLB custom-engineers these systems to meet individual application requirements and specifications. For detail areas requiring precise control, smaller units can be mounted on robots.

## Key features include:

- Range of pressures — 10,000 to 40,000 psi (700 to 2,800 bar) — and flows
- Choice of self-rotating, air, electric, or hydraulic
- Versatile mounting bracket adapts to a wide range of fixtures
- Quick-change packing for fast, easy maintenance
- Rugged stainless steel housings

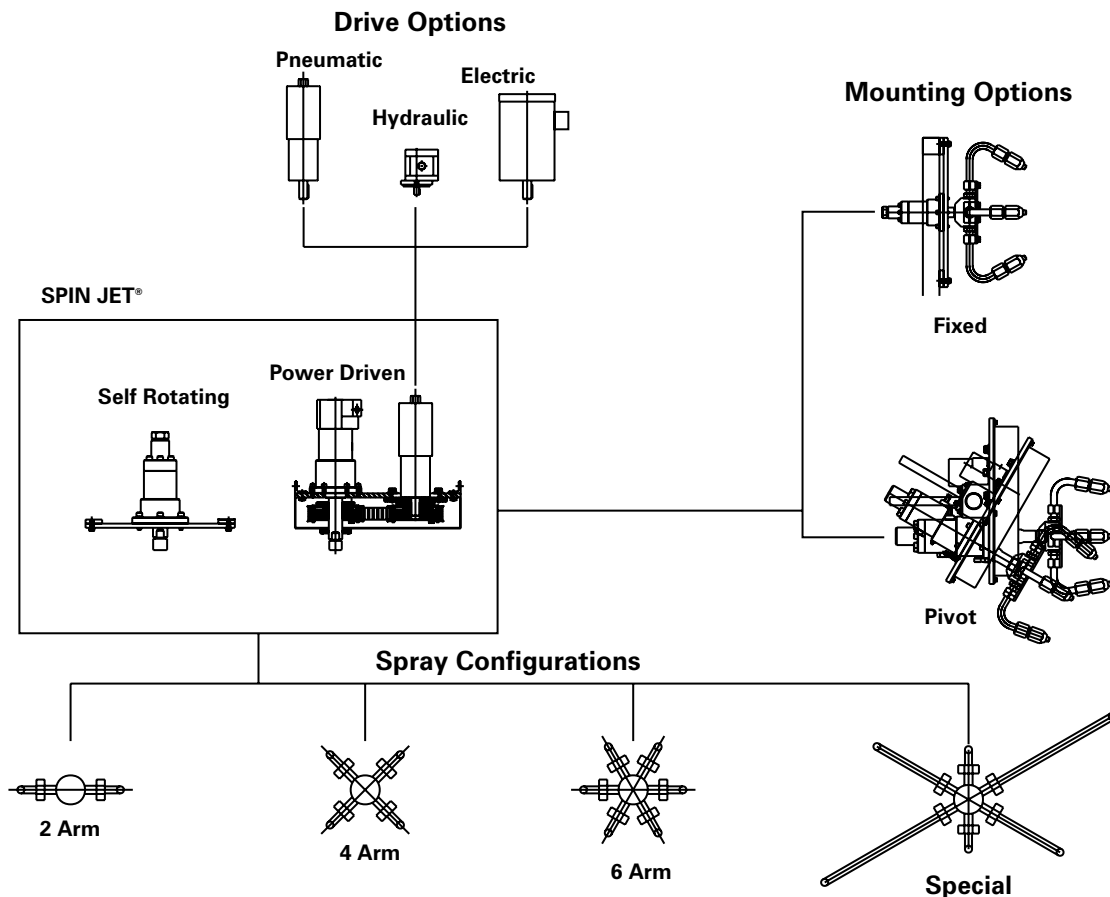
## ROTATING WATER JET POWER, CUSTOMIZED FOR YOUR APPLICATION

NLB's plate-mounted SPIN JETs can be configured to match your exact needs. Many customers choose a self-rotating nozzle for ease of use and low maintenance, but if you need better control over rotation

speed, we offer pneumatic, hydraulic and electric drive options.

The area of coverage can also be customized to your application, using our wide range of nozzle angles and

nozzle arm configurations. Please contact the NLB Customer Service Department for help in ordering the right plate-mounted SPIN JETs for your job.



## How to Order

Plate-mounted SPIN JET® units are available with a choice of drives, indicated by a letter following the model number: A, H, E, or S. For example:

Model No.	Drive
NLB1200A	Air
NLB1200H	Hydraulic
NLB1200E	Electric
NLB1200S	Self-rotating

Operating pressure for all these models is 10,000 psi (700 bar). Models operating at up to 20,000 psi (1,400 bar) are indicated by the suffix, -20K (e.g., NLB1200A-20K). Ultra-high pressure models (up to 40,000 psi, or 2,800 bar) are indicated by the suffix, -40K (e.g. NLB1300A-40K).

## Robotic Tooling

Tooling shown with standard head; see Page 17 for other nozzle configurations available.



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Every plate-mounted SPIN JET® is configured to your application; consult NLB for complete information

## High Flow

- Pressure up to 20,000 psi (1,400 bar)
- Flow up to 100 gpm (379 lpm)

Model No.	Max. Pressure	Max. Flow	Max. Rotation Speed	Est. Weight	Inlet
1200	10,000 psi (700 bar)	100 gpm (379 lpm)	3,000 rpm	120 lbs. (55 kg)	1/2" NPTF
1200-20K	20,000 psi (1,400 bar)	50 gpm (189 lpm)	3,000 rpm	120 lbs. (55 kg)	3/4" MP

Measurements for height, width and length are all approximate.

## Low Flow

- Pressure up to 20,000 psi (1,400 bar)
- Flow up to 20 gpm (76 lpm)

Model No.	Max. Pressure	Max. Flow	Max. Rotation Speed	Est. Weight	Inlet
1300	10,000 psi (700 bar)	20 gpm (76 lpm)	3,000 rpm	60 lbs. (27 kg)	1/2" NPTF
1300-20K	20,000 psi (1,400 bar)	16 gpm (61 lpm)	3,000 rpm	60 lbs. (27 kg)	3/4" NPTF

Measurements for height, width and length are all approximate.

## Ultra-High Pressure

- Pressure up to 40,000 psi (2,800 bar)
- Flow up to 11 gpm (42 lpm)

Model No.	Max. Pressure	Max. Flow	Max. Rotation Speed	Est. Weight	Inlet
1300-40K	40,000 psi (2,800 bar)	11 gpm (42 lpm)	3,000 rpm	60 lbs. (27 kg)	9/16-18" LH HPF

Measurements for height, width and length are all approximate.