Spraying Systems Co.®
Experts in Spray Technology

MANUAL BRUSH HEADERS

STEEL INDUSTRY

REDUCE MAINTENANCE AND CLOGGING WITH MANUAL BRUSH HEADERS

The Manual Brush Header is designed with a handwheel at the end of the header. Turning the handwheel during the cleaning cycle rotates the interior brush assembly to scrub debris from the interior wall of the header as well as each nozzle orifice. Manual Brush Headers are a cost-effective and reliable way to keep your nozzles clean. In just a few seconds, debris is swept away through the drain valve, restoring full liquid flow to the system. The internal brush, shaft, flange, and bolt connections are made from 316L stainless steel.

We also manufacture plastic versions made from corrosion resistant materials for caustic environments.

Ask about the Automatic Brush Header which maximizes uptime as operator intervention is eliminated. Our spray experts can help analyze your operation and choose the products that best fit your application.

FEATURES

- All headers are built-to-order; designed and fabricated according to production specifications
- Efficiently clear header nozzles of debris in less than one minute
- Recommended for use with most hydraulic nozzles
- Internal cleaning with brush rotation and axial movement

SPECIFICATIONS

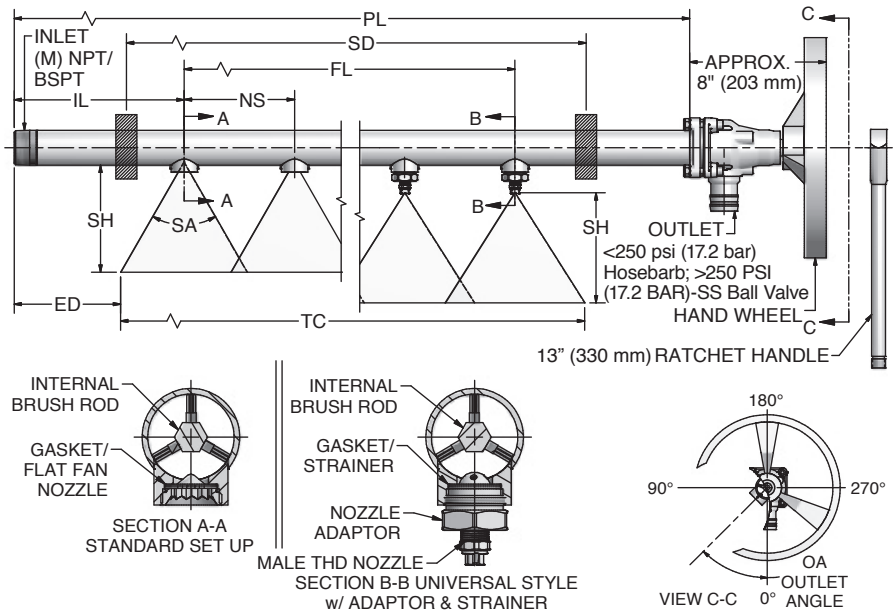
Maximum operating pressure: 800 psi (55 bar)
Standard pipe size: 1.5 in. to 6 in.
Maximum pipe length: 42 ft (12.8 m)
Flow rate: 65 gpm to 1035 gpm (246 lpm to 3918 lpm)
Maximum liquid temperature: 100°F (38°C)
Material: Nozzle and pipe are 316L stainless steel
Inlet connection: NPT, BSPT, flanged, others available

IDEAL FOR:

- **Pickling Line**
- **Rinse Line**
- **Painting Line**
- **Galvanizing Line**

MANUAL BRUSH HEADER SPECIFICATION WORKSHEET

To obtain a no obligation quotation on our Manual Brush Header, please review the following information and give us a call to discuss the your application.



SHOWER INFORMATION

Pipe length (PL)*: _____

Theoretical coverage (TC)*: _____

Nozzle spacing (NS): _____

Inlet to nozzle (IL)*: _____

First to last (FL): _____

End to edge (ED): _____

Shower height (SH)*: _____

Support distance (SD)*: _____

Spray angle (SA)*: _____
(0, 15, 30, 45, 60, 75)

Outlet angle (OA)*: _____

Pipe material*: _____ (316LSS or 304LSS)

Inlet (M)*: _____ (NPT or BSPT)

Operating pressure*: _____
(psi or bar)

**Required*

Total flow*: _____
(gpm or lpm)

Operating temperature*: _____
(F or C)

Qty. of nozzles: _____

Handwheel: _____
(Aluminum or SS)

Ratchet handle: _____
(optional, iron material)

Oscillating stroke length*: _____
(in. or mm)

Spray overlap: _____
(single or double)

Liquid sprayed: _____

Defaults	Minimums
Material: 316LSS	IL: 4 in. (101.6 mm)
psi: 40 (2.76 bar)	psi: 40 (2.76 bar)
IL: 4 in. (101.6 mm)	Pipe size: 1 -1/2 in.
SA: 60	NS: 2 in. (50.8 mm)
OA: 0 (zero)	
Handwheel (Alum)	
Inlet: (M) NPT	
Spray overlap: 1	
Temp: 100°F (38°C)	

To learn more about our steel applications online, visit https://www.spray.com/applications/washing-pickling-and-rinsing

VIEW ONLINE

Spraying Systems Co.®
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