

Nozzle Enquiry Checklist

Send these six items and we can size a nozzle without a drawing. Everything below is information you already have on the line; none of it requires a test rig.

Manufacturer	CN Spraying Equipment Co. Ltd.
Works	Xiagang Industrial Zone, Chang'an, Dongguan, Guangdong, China
Email	sales@cnspraysystem.com
Telephone	+86 769 81511985 Fax +86-769-85346679
Body materials	Selected brass, 303, 304 and 316 stainless steel. PP, PVC, PVDF, PTFE, ABS and aluminium bodies in the misting and air blower ranges.
Samples	Ready within 10 days. Trial samples sent free of charge.
Orders	OEM accepted, standard and non standard made to drawing or sample, small volume orders accepted.
Terms	Product listings state T/T 100% in advance and a 3 month quality guarantee.
Response	Inquiries answered within 6 hours.

1 Liquid and temperature

Water, a chemical solution, a slurry or compressed air, and how hot it runs. This decides the body material before anything else.

2 Pressure at the nozzle

Not pump pressure. Pressure at the position itself, because friction along a long header is what makes the far nozzles under perform.

3 Flow required

Per nozzle if you know it, or total flow across the header and the number of positions.

4 Width or area to cover

The belt width, the duct diameter, the part footprint. This plus the standoff distance fixes the spray angle.

5 Standoff distance

Nozzle face to target. A wider angle covers the same width from closer in.

6 Thread on the existing header

Size, BSPT or NPT, male or female. Getting this right is what makes a change a shift rather than a project.

Replacing a nozzle you can no longer buy

Photograph the head against a rule

Side on and end on. The rule gives us hex size, body length and orifice scale.

Photograph the spray if the nozzle still runs

Pattern shape tells us more than a part number that no longer exists.

Note the bar spacing

Distance between positions, so the replacement angle restores the overlap.

Say what has gone wrong

Streaking, falling impact, rising water use and blocking each point at a different fix.

Trial one position first

Small volume orders are accepted and trial samples are sent free of charge.

Where to send it

sales@cnspraysystem.com or +86 769 81511985. Inquiries are answered within 6 hours. Samples required can be ready within 10 days.