

Capability Overview

Xiamen XSY Mould Co., Ltd was established in March 2000 with a registered capital of RMB 5 million, specialising in precision mould design, mould building and plastic parts injection. The plant occupies over 5,000 m2 in the Xiang An Torch Hi-tech Industrial Area of Xiamen.

COMPANY RECORD

Established	March 2000
Registered capital	RMB 5 million
Workshop area	over 5,000 m2
Engineering team	more than 10 mould engineers and technicians
Location	Xiang An Torch Hi-tech Industrial Area, Xiamen
Fields served	Sanitary ware, home appliance, automotive, electronic, audiovisual, IT

PLANT AND EQUIPMENT

CNC machining centres	5 - High-precision cavity and core milling, run from CAD CAM programme
Precision EDM machines	7 - Spark erosion for ribs, text and corners a cutter cannot reach
Wire cutting machines	4 - Fast wire and slow wire cutting for inserts, slides and ejector ho
Precision grinding machines	4 - Flatness and parallelism on plates, inserts and slide faces
Milling machines	9 - Plate preparation, pockets and general tool room work
Lathes and CNC lathes	2 - Round cores, sprue bushes, ejector sleeves and locating rings
Radial drilling machine	1 - Cooling line and guide hole drilling on large plates
2D image measuring projector	1 - Dimensional checks on first article samples and mould components
Injection moulding machines	below 600 tons - Mould trials and production moulding of finished part

QUALITY CONTROL ROUTE

- Design review: Part geometry, wall sections, draft and gate position are reviewed against the moulding material before any steel is cut.
- Steel inspection: Cavity and core blocks are checked on arrival so that the hardness and grade match what the mould was quoted with.
- In-process measurement: Machined inserts, slides and plates are measured between operations rather than only at the end of the tool room route.
- Fitting and spotting: Parting line, slide movement and ejection are fitted by hand before the mould goes to the press.
- Mould trial: The mould is run on an injection machine and short shots, full parts and a cycle time reading are taken from the trial.
- First article measurement: Trial parts are measured on the image projector against the drawing and the report goes out with the samples.
- Pre-shipment check: Mould surfaces are cleaned and oiled, water and hydraulic circuits are plugged, and the spare component set is packed with the tool.

EXPORT AND COMMERCIAL TERMS

Mould work from this plant has been exported to Netherlands, Croatia, Japan, Taiwan.

- Price terms FOB Xiamen or CIF
- Payment terms T/T or L/C
- Minimum order 1 set
- Moulds built to HASCO or DME standards

Figures on this page come from the company's own published record. Equipment counts are as last

Capability Overview

published by the company and are being reconfirmed.