

HEBEI ZHONGBIAN MACHINERY

Manufacturing Co., Ltd.

Custom Concrete Steel Mould & Formwork - Product Catalog

9 product lines for infrastructure: block, channel, culvert, wall, jacking pipe and coastal defence moulds.

WHY ZHONGBIAN

- Custom design: every mould built to the customer drawing
- Stable quality: Q235B steel, automatic welding, strict inspection
- High precision: +/-0.5 mm tolerance, batch interchangeable
- 12-month factory warranty, free English installation manual
- Export packing: FOB Tianjin, waterproof film + wooden crates

CONTACT

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Mon-Sat, 8:00-17:30 (GMT+8) | Reply within 24 hours

PRODUCT LINES

1. Lego-Style Interlocking Block Formwork

Heavy-duty steel mould for interlocking concrete retaining wall blocks with pyramidal stud connection.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Retaining walls, river revetment, municipal landscaping
Custom:	Yes - built to customer drawings

1. Cylindrical Steel Formwork

Circular steel formwork for concrete columns, piers and pillars with adjustable diameter segments.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Bridge piers, building columns, pillars
Custom:	Yes - built to customer drawings

PRODUCT LINES

3. Flat Steel Formwork

Modular flat steel formwork panels for walls and slabs with quick-connect clamps.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Mass concrete walls, retaining walls, foundations
Custom:	Yes - built to customer drawings

3. Water Channel Steel Formwork

U-shaped and rectangular steel moulds for precast irrigation and drainage channels.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Irrigation channels, drainage ditches, water conveyance
Custom:	Yes - built to customer drawings

PRODUCT LINES

5. Tetrapod Breakwater Block Formwork

Four-legged steel mould for concrete tetrapods used in breakwaters and coastal protection.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Breakwaters, shore protection, coastal defence
Custom:	Yes - built to customer drawings

5. Box Culvert Formwork

Steel formwork for precast box culverts in utility tunnels and drainage.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Utility tunnels, drainage culverts, underpasses
Custom:	Yes - built to customer drawings

PRODUCT LINES

7. Box Girder Formwork

Steel formwork for precast box girders with internal forms and stiffening frame.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Highway and railway bridge girders
Custom:	Yes - built to customer drawings

7. Manhole Inspection Well Formwork

Round and square steel moulds for precast manholes and inspection chambers.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Sewer access shafts, inspection chambers, utilities
Custom:	Yes - built to customer drawings

PRODUCT LINES

9. Steel Clamp Hoop Formwork

Semicircular steel clamp formwork for circular columns with bolt-tightened flanges.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Circular columns, piers, small-diameter pillars
Custom:	Yes - built to customer drawings

9. Curb Crash Barrier Formwork

Steel formwork for precast road curbs, median barriers and crash barriers.

Material:	Q235B hot-rolled steel, panel 3-5 mm
Tolerance:	+/-0.5 mm, batch interchangeable
Reuses:	Standard 60-100 cycles, heavy-duty 120+
Application:	Road curbs, median barriers, highway safety works
Custom:	Yes - built to customer drawings

SELECTED REFERENCES

China Railway No.10 Engineering Bureau

Puyan Expressway Section 3 - 400+ tonnes: tie beams, pier columns, capping beams

China Communications No.2 Engineering Bureau

Pingzan Expressway Branch 8 - custom T-beam and substructure moulds

China State Construction Road & Bridge Corp.

Huanghua Port Expwy Branch 1 + Hanxing Line 107 - whole-bid formwork package

Beijing Municipal Engineering Group

Daxing Airport Supporting Project - pier column and capping beam formwork

HOW TO ORDER

1. Send your drawing (PDF/DWG) or section dimensions + quantity
2. We confirm feasibility and quote - standard moulds in 7-10 working days
3. Trial assembly + dimensional report before dispatch
4. Container packing, FOB Tianjin; export documents included
5. On-site guidance available; 12-month factory warranty

EXPORT DOCUMENTS

Commercial Invoice / Packing List / Mill Certificate (MTC) /
Certificate of Origin (CO) / FORM E

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