

Offshore Injection Mold Making Massive Engineering Support + Great Price Points That Work



Jade Molds Quick View

OFFSHORE MOLD MAKING: High production molds and rapid tooling

INJECTION MOLDED PARTS: bridge part production support

SAVINGS: Great pricing keeps your USA business globally competitive

EXPERTISE: USA engineering with India and China support + Moldex3D

EXPERIENCE: USA approach to mold making and project management

COMMUNICATION: Native English for engineering and project updates

CHINA FACTORY: USA managed ISO 9001:2015 factory (59,000 sq ft)

CAPACITY: Recently expanded factory for mold building and mold trials

QA/QC: Our QC app delivers easy data capture and fast issue resolution

BONUS SAVINGS: Save up to 50% OFF injection mold and parts tariffs

TRUST: You work with Jade Group INTL, a USA company founded in 2006





Great Mold Price & Quality For

- > High production molds
- > General purpose molds
- > Automotive molds
- > Pet treat molds
- > Rapid Tooling

- > Hot runner specialists
- > Caps & closure molds
- > Unscrewing molds
- > Family molds
- > 2K molds

- > Moldex3D included
- > Thermoset molds
- > Insert molds
- > Stack molds
- > Mold bases

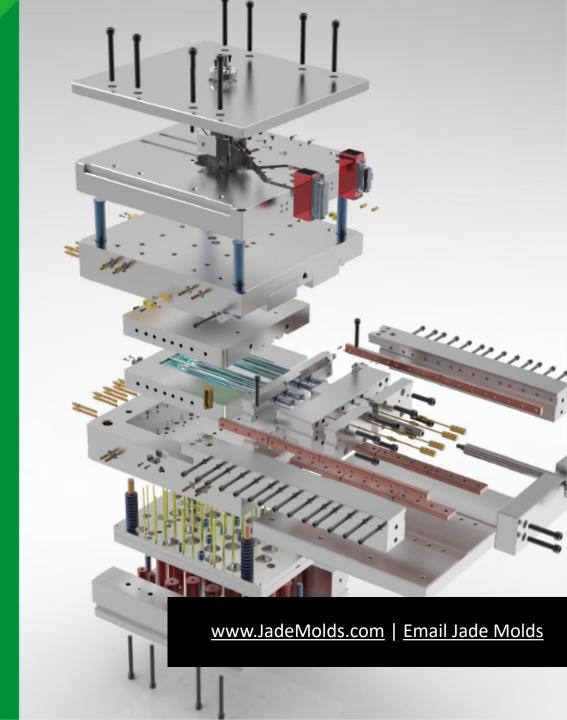


USA Approach

For over 15 years we have been helping customers with our USA approach to offshore mold design and mold making.

- USA led engineering with support from our India and China offices
- Injection molds delivered at great price points so you can compete globally, win more projects, and grow your business
- USA approach to project management paired with our online project management system keeps your mold build on track
- USA approach to QC, managed via our custom QC app that delivers a unique QC solution to our unique injection mold making industry
- Native English communication, essential for problem solving and issue resolution when the need arises

As a USA company (who also operate offshore), we understand the market pressures you face, and we are uniquely positioned to help you meet them.



















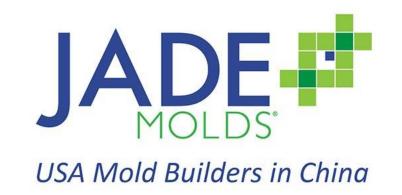


Offshore
Injection Mold Making
with more...

USA engineers manage our global engineering teams and deliver massive engineering support

We use Moldex3D to help us highly qualifying your part design and our mold design

Result: Jade molds run smooth and at speed in your factory...delivered at price points that work



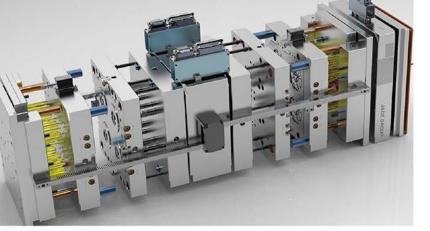
Our USA approach to project management in China is enhanced by our online PM system

Mold trials are run to your exact specifications to ensure your specific project goals are met

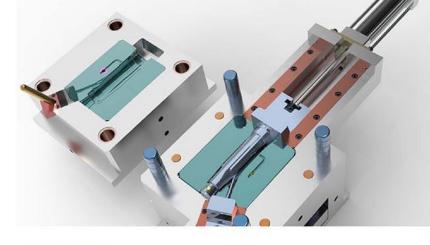
Our custom QC app helps our team with better QC data capture at the factory and fast issue resolution

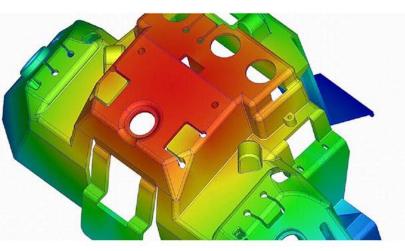
All project updates are communicated by native English speaking PMs and engineers



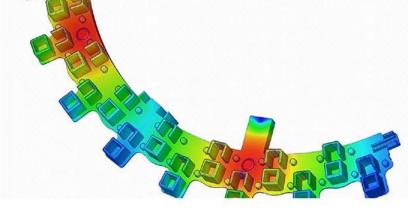




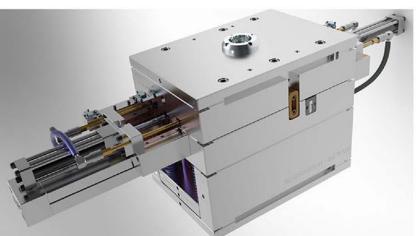


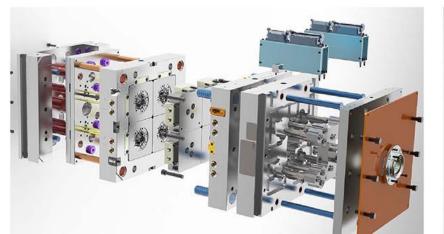


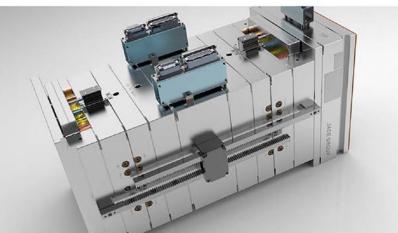
Massive Engineering Support



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Moldex3D

Leverage Moldex3D well and it acts like a virtual time machine that takes you to your future mold trial.

- Moldex3D helps our team virtually identify unknown future mold issues early (fill, cooling, warp, and more)
- Allowing our team to fix those issues in the part and mold design now, before they ever have a chance to become a reality
- Our customers get highly accurate injection mold designs
- Which result in molds that will trial faster and ship faster
- Moldex3D helps our team to drastically mitigate future mold building risk, saving time on the front and back end

You get better mold designs, great mold builds, and quicker mold trials with Jade Molds use of Moldex3D to enhance your project.













59,000 sq ft Factory

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QA/QC

With Jade you get standard injection mold making QA/QC measures such as ISO 9001:2015, IATF 16949, PPAP, FAI reports...plus:

- COMPONENTS & MATERIAL: we source direct from verified partners. You need Dupont, We buy direct from Dupont China. Never 3rd party.
- COMMUNICATION: always in native English with our project managers or engineers. All mold projects have some issues. Clear communication prevents issues from becoming big problems.
- CCM: essential for correctly measuring your parts, our teams are fully trained in data capture and understanding the data
- CUSTOM QC APP: from engineering QC checks in the design phase through mold trial, mold inspection, and everything in-between, our QC App has been developed specifically for the niche needs of injection mold making
- WE SAY NO: many China suppliers will say YES at the quote stage to any part design, hoping they can fix unknown issues later. This approach often causes massive problems downstream. If we can't do your project, we will simply tell you NO and avoid future issues for you and us.







Automotive Molds

We fully understand how your automotive injection mold timelines directly relate to keeping your project and vehicle launch programs on schedule. We can help you launch on time.

- MOLDEX3D: We leverage Moldex3D to it's full potential to assist our engineers in highly qualifying your part design and our mold design to vastly mitigate downstream risk.
- HOT RUNNERS QC: Custom QC checks at the design and mold build stages to double verify the Hot Runner suppliers design and delivered Hot Runners. Checks via our custom QC App.
- MORE QUALITY CONTROL: Out team get QC timing reminders from our online project management system to ensure QC checks via the QC App are performed on time.

At our **ISO** and **IATF** accredited China facilities our USA mold making methodology paired with our online Project Management App and Custom QC App ensure your mold trials well and ships on time.













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Hot Runners

Our team can work with any Hot Runner system, we work often with Synventive, Yudo, Incoe, Mold Masters, and Husky. We double verify the Hot Runner mold design and QC check for things like:

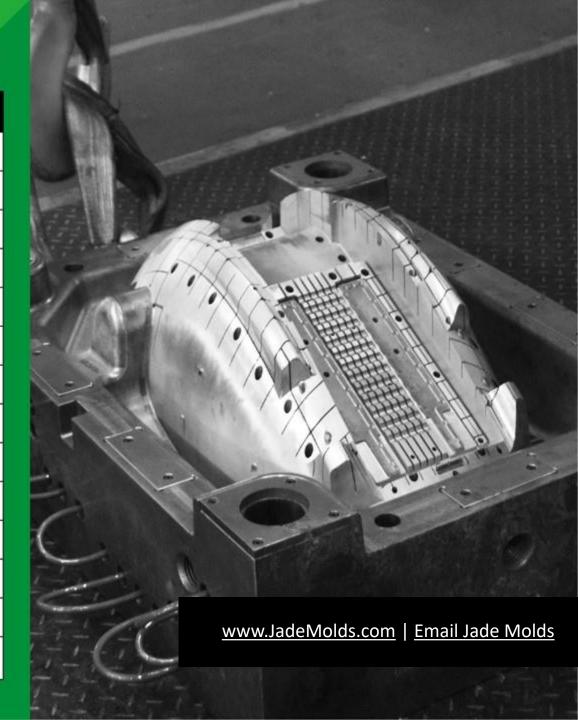
- Is there sufficient cooling built into the mold design, particularly near the tip?
- o Is the gate type suitable to prevent excessive shear?
- Are the connectors set up in a user-friendly way for easy maintenance and troubleshooting?
- If color change is required, is that reflected in the Hot Runner design?

Our rigorous Hot Runner centric QC program via our online project management system and performed using our custom QC App helps your Hot Runner mold trial well and ship on time.



Automotive Equipment List Includes

Type	Model	Precision	QTY
High Speed CNC (Taiwan)	VC0852	3-5µm	1
High Speed CNC (Taiwan)	VC1052	3-5µm	1
Med Speed CNC (Taiwan)	2016	3-5µm	1
5 Axis Machining	2516	2-5µm	1
Carving (Taiwan)	V650	2-3µm	2
EDW (Japan)	AQ75OL/AQ600L	2-3µm	3
EDM	CNC850	3-5µm	2
EDM (Taiwan)	CNC1800	3-5µm	1
EDM (Taiwan)	ZNZ460/345	3-5µm	2
Grinding (Taiwan)	HSG_618S	1-3µm	5
Milling (Taiwan)	XG5513/XG5515	10-30μm	3
Spotting Press	NC70-1007/NC400		2
2.5D Measuring	YT-3020M	2-3µm	1
CMM (Germany)	NC8107-C	1-2µm	1



Rapid Tooling (with great ROI)

We work with P20 and similar steel to fabricate your rapid tools because of the great ROI to you.

- Quick turnaround rapid parts that match production part quality
- Our P20 rapid tools deliver you a lot more parts than you are used to getting, when compared to USA based rapid tooling programs
- You will pay half the cost for our rapid tools when compared to USA based rapid tooling programs
- Complicated part designs are not a problem for our rapid tools
- Ask us about our rapid tooling vs our MUD programs

You can get to the market faster, get to revenue faster, and get a better ROI with Jade's rapid tooling programs.

info@JadeMolds.com to discuss your project needs.







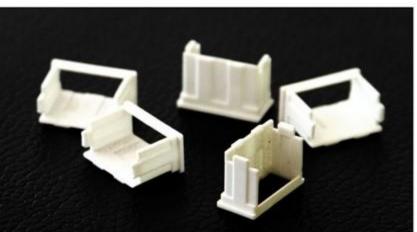
















Equipment Name	Brand	Unit Type	QTY	Equipment Name	Brand	Unit Type	QTY	
CMM	CROMA	686	1	Crane	YUE YOU	10 Ton	4	
Projector	VMS	VMS-4030T	1	Crane	YUE YOU	3 Ton	5	
CNC	POLLEX	650	3	Lathe	YUENING NC	CZ6132A	1	
CNC	POLLEX	850	2	Lathe	YUENING NC	C616	2	
CNC	POLLEX	1060	3	Injection Press	CAN YANG	Vertical (50T)	1	
CNC	POLLEX	1580	1	Injection Press	ZHENTIAN	80T	3	
CNC	POLLEX	5060	2	Injection Press	ZHENTIAN	120T	1	
CNC	POLLEX	6070	2	Injection Press	ZHENTIAN	150T	1	
CNC	POLLEX	PMV-2016	1	Injection Press	ZHENTIAN	180T	3	
CNC	POLLEX	855	1	Injection Press	HAITENG	1100T	1	
EDM	SUPER CENTURY	540	3	Injection Press	HAITENG	128T	6	
EDM	SUPER CENTURY	435	3	Injection Press	HAITENG	208T	6	
EDM	SUPER CENTURY	850 Mirror 3 Axis	2	Injection Press	HAITENG	168T	5	
EDM	SUPER CENTURY	540 Mirror	2	Injection Press	HAI TENG	258T	5	
Wire Cutting	HENG TIAN	HT-500	10	Injection Press	LI JIN	450T	1	
Milling	HUADAAI	540	10	Injection Press	HAITENG	1100T	1	
Grinding	HUADAAI	430	5	Injection Press	HAITENG	328T	2	
Grinding	HUADAAI	280	5	Injection Press	HAITENG	88T	1	
Grinding	HYFAIR	X/800X450X370mm	4	Injection Press	HAITENG	170T	4	
Grinding		M7132H	1					
Drilling	HUADAAI	800	2					
Drilling: Pivot Arm	ZOJE	3050	2		www.JadeMolds.com Email Jade Molds			

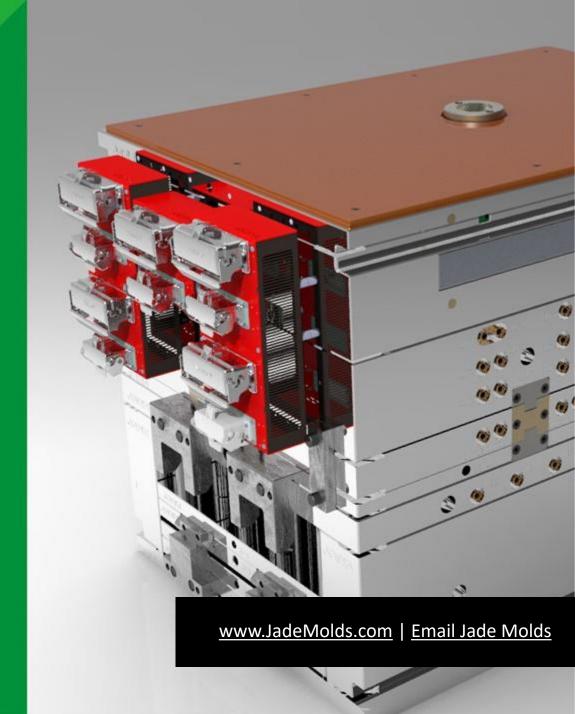
Custom Mold Bases

Ask yourself this. Why are your skilled mold builders spending time fabricating mold bases? Keep your skilled team focused on skilled injection mold making tasks and try our mold base solutions instead.

What are your options for building mold bases?

- 1. Buy blanks from domestic mold base suppliers and build your mold base in-house (inefficient and expensive).
- 2. Buy completely machined mold bases from domestic mold base suppliers (efficient and expensive).
- 3. Buy completely machined custom offshore mold bases from Jade Molds (efficient and inexpensive).

Outsource where it makes sense. In-house where it makes sense. info@JadeMolds.com to discuss your project needs.



Interesting Applications

How about starch-based Pet Treats for an interesting application? Our offshore made high capacity, high cavitation molds for dog treats are typically 50% cheaper than USA built injection molds and will meet your needs with feature set like:

- Stainless steel A and B plates
- Diffusion bonded hot runner system, superior to brazed for cleanliness
- Full stainless-steel manifold. Superior to brazed P20 steel manifolds
- Low waste, full individual valve gates
- Up to 96 cavities, high productivity
- Complex designs with side actions are no problem
- Mold trials in a range of standard treat formulations

Do you have a pet treat mold or other interesting application that you would like us to look at? info@JadeMolds.com



Hassle-Free DDP Shipping (Optional)

We have shipped and imported thousands of molds back to the USA since 2006. Our DDP option delivers you BIG savings on top of our already great mold price.

- Our DDP shipping service to the USA can save you up to 50% off your import mold and part tariffs
- Savings that other offshore mold makers simply cannot offer
- We do all the shipping arrangement and paperwork
- We import the mold and pay the import duties

You sign for your shipment when it arrives at your door. No delays, no hassles...only savings. Available on both Air and Ocean shipping.





TARIFF CASE STUDY

This price comparison example is from a real-world RFQ and mold build. Our USA based customer provided competitor quote details to us after we had won the job.

- Your mold quote without shipping and tariffs
- ** Your final cost without Jade Molds help
- *** Your final cost when you use Jade Molds optional and hassle-free DDP shipping

Save big on your mold and parts tariffs with Jade Molds







Jade's DDP shipping option delivers you substantial tariff savings that no other China mold maker can offer you.

