



Saipa Wheel Manufacturing Company

Limited Tender Form

Tender No: 041158

Tender Date: 19/10/2025

Seller Information:

Company :

Address:

Zip Code:

Phone Number:

Email Address:

No	Description	Specifications	Q	Unit	Unit Price	Total(RMB/Euro)
1	Wheel Rim&Disk Mold	22x11.75 Side Flange(See attached RFQ)	1	set		
2	Wheel Rim&Disk Mold	22x11.75 Center Flange(See attached RFQ)	1	set		
3	Wheel Rim&Disk Mold	17.5x6.75(See attached RFQ)	1	set		
Total(RMB/Euro)						
Discounts(RMB/Euro)						
Payable Amount(RMB/Euro)						

Delivery Place: Khorramshahr-IRAN

Delivery Time:

Terms of Payment:

Tender Opening: October 19 2025

Deadline: October 24 2025

Purchase Order: Purchase Invoice ☐ Purchase Contract ☒

Signature:

Note: All the machines have to meet the attached RFQ requirements.



Request for Quotation

RFQ: Steel Wheel Rim&Disk Molds	Quotation Due By: 2025	Saipa Wheel Manufacturing Co.
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RFQ for Wheel Rim&Disk design,manufacture,installation and commissioning :

1.Product Information

No.	Size	Item
1	22x11.75	Side Flange(See attached drawings)
2	22x11.75	Center Flange(See attached drawings)
3	17.5x6.75	See attached drawings

Production line equipment: Refer to Annex 1

2.Scope of Supply

The supplier is requested to design, manufacture, test, install, commission and supply tooling&dies needed for the production of wheels.

Application: Heavy-duty truck & bus rims and disks

2.1 Required Dies (Molds)

- See the table above.
- Associated fixtures and jigs

2.2 Technical Requirements

- Material has to be mentioned in the quotation.
- Supplier shall specify the exact grade of tool steel proposed.
- Heat Treatment
- Hardness after heat treatment has to be mentioned in the quotation.
- Stress-relieved and tempered for durability under repeated press loads
- Tool Life
- Supplier must declare guaranteed tool life based on proposed material
- Surface Treatment (if applicable)
- Nitriding, PVD/CVD coating, or other suitable processes to enhance wear resistance
- Compatibility
- The molds must fit with our production equipment (Annex 1).

2.3 Documentation

- 2D & 3D design drawings before manufacturing (approval required)
- Material certificates
- Heat treatment reports
- Operating & maintenance manual



2.4 Inspection & Quality Control Tools

The supplier shall provide necessary inspection and control tools for product validation, including but not limited to:

- Go/No-Go gauges
- Run-out measuring tools
- Welding quality inspection gauges
- Control templates
- Gauge Panel
- Other specific control fixtures required for product inspection

3. Commercial Requirements to be mentioned in the quotation

- Quotation validity
- Delivery time: [Supplier to specify, including delivery terms: FOB/CIF Incoterms 2020]
- Payment terms
- Warranty: Minimum [X] months from commissioning
- Spare parts: List of recommended spare parts for 1-year operation
- Training: On-site training for setup and maintenance

4. Information to be Provided by Supplier

- Technical proposal (design approach, materials, tooling life)
- Detailed commercial offer (unit prices, total cost, payment terms)
- Delivery schedule
- References of similar tooling supplied

5. Standards & Compliance

All tooling, materials, and final products shall comply with the latest applicable standards, including but not limited to:

- IATF 16949 – Automotive Quality Management System
- ISO 9001 – Quality Management System
- ISO 2768 – General Tolerances for Machining
- SAE / ETRTO / JIS – Applicable wheel rim standards for dimensions and safety
- Customer-specific standards (to be confirmed during design approval)

6. Annex

- Annex 1: List of production machines
- Annex 2: Wheel technical drawings



Annex 1: List of production machines

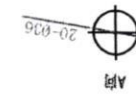
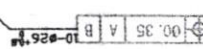
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Part 1: Rim Production Line Machinery			
No	Description	Quantity	Unit
1	Coiling machine with flattening device and marking device	1	SET
2	1000KVA Butt welding machine(include three chillers)	1	SET
3	Slag trimmer	1	SET
4	Roll flattening Machine	1	SET
5	End cutting machine	1	SET
6	160T Rerounding press	1	SET
7	500T Four column hydraulic press for flaring	1	SET
8	Roll forming machine driven through Germany SEW motor (include loading device for each unit)with spindle diameter 200-220	3	SET
9	800T Four column hydraulic press for expanding and sizing	1	SET
10	100T Valve hole punching press	1	SET
11	315T Four column hydraulic press for disk and rim fitting	1	SET
12	Welding machine for disk and rim assembly	6	SET
13		1	SET
Part 2: Disk Production Line Machinery			
No	Description	Quantity	Unit
1	1250T Four column type hydraulic press (Include servo type loading device)	1	SET
2	Fast wheel disk flow forming machine (Include loading and unloading device)	2	SET
3	160T Pneumatic punching press with automatic loading and unloading device(Punching)	1	SET
4	160T Pneumatic punching press with automatic loading and unloading device(Deburring)	1	SET
5	Four column type multihole drilling machine (Include of the fixture-Inner)	2	SET
6	Four column type multihole drilling machine (Include of the fixture-Outer)	2	SET
7	CNC double tool holders wheel disk vertical lathe (Include fixture and chip removal)	3	SET

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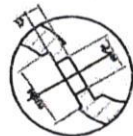
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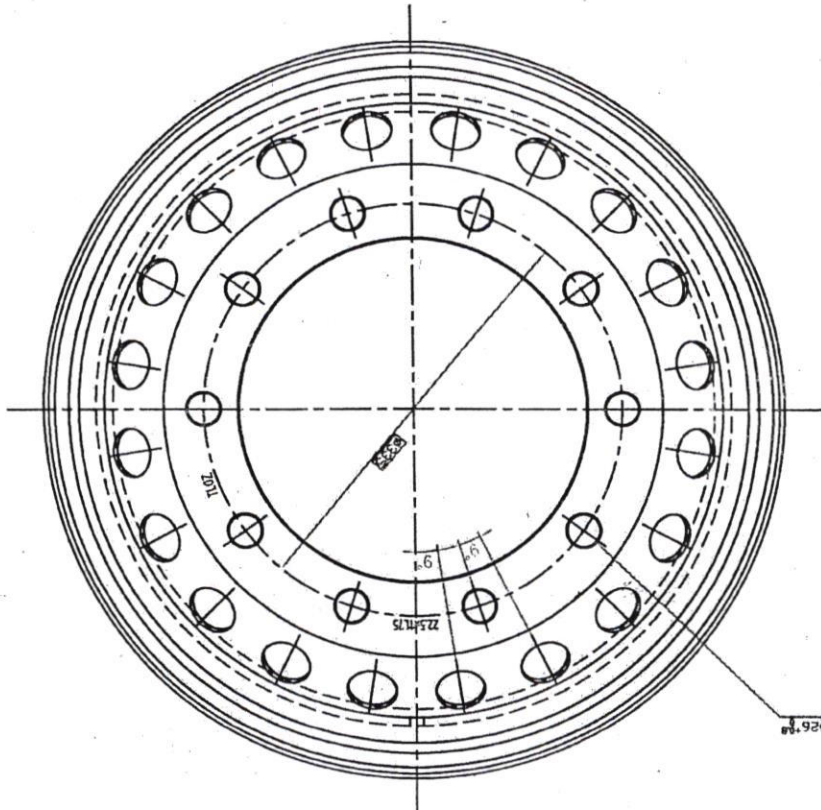
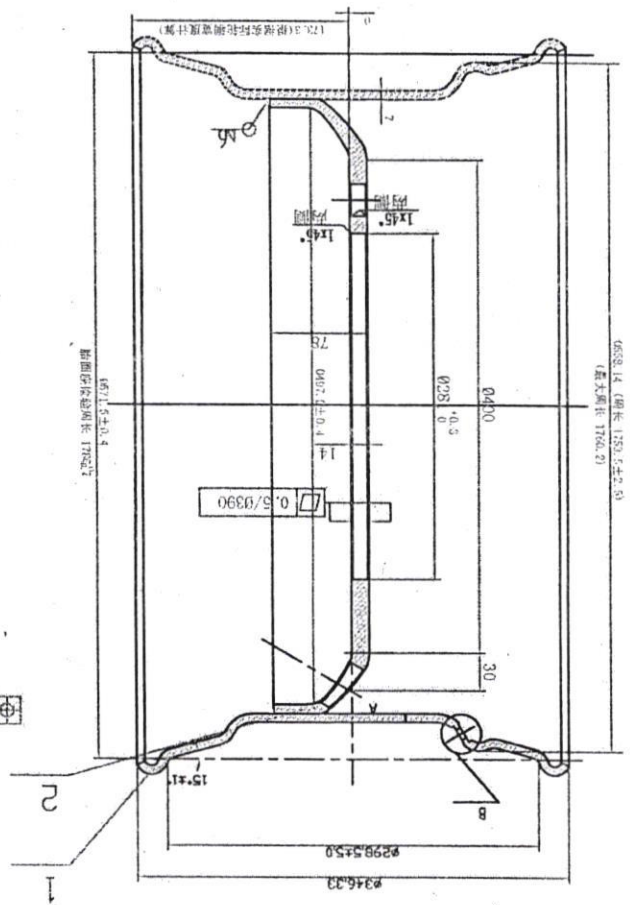
01	A-001	RIM	1	380CL	
02	A-002	DISK	1	380CL	
03	V3-20-1A	VALVE	1		

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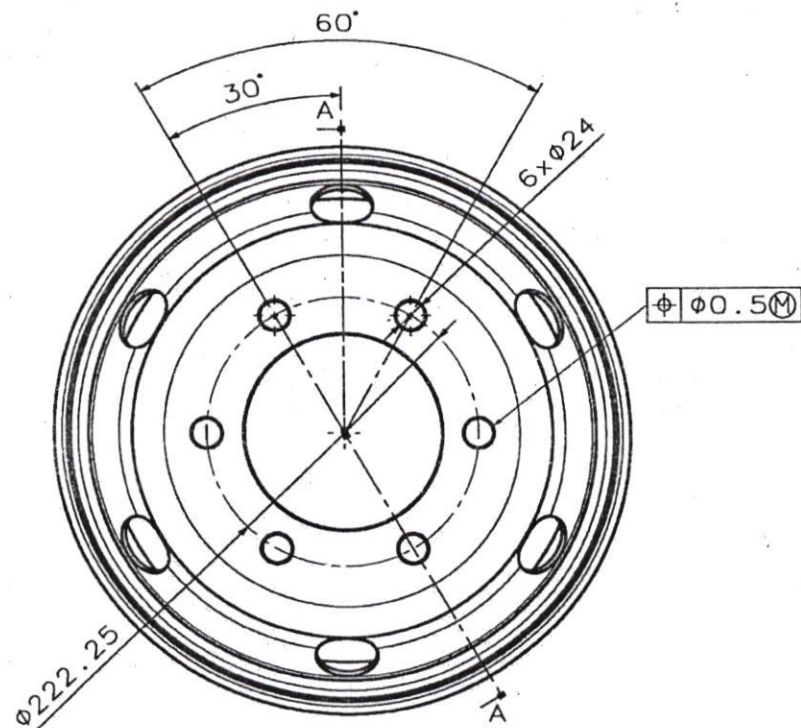
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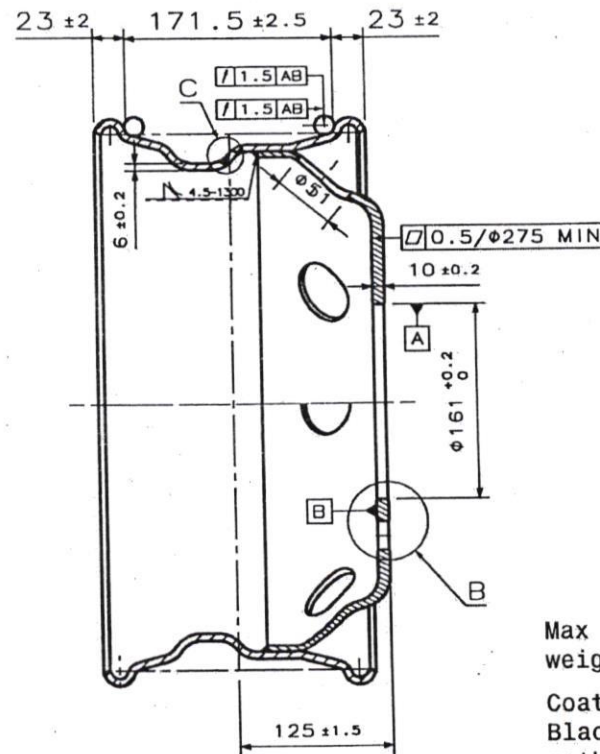
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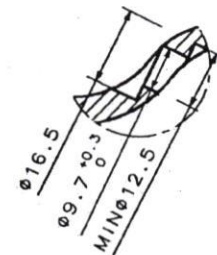
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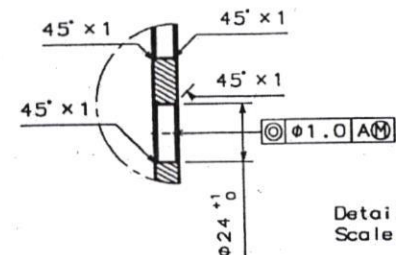
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	مورد تایید است	
	تاریخ: ۱۴۰۴/۱۱/۲۲	



Section view A-A
Scale: 1:4



Detail C
Scale: 1:1



Detail B
Scale: 1:2

Max load: kg in 120km/h
weight: 25.5kg Static Unbalance: 80gr

Coating Thickness: Min 20 Micron/
Black ED Paint/Electrophoresis
method 30-40 micron silver gray
paint equivalent to RAL 9006

This rim has all specifications
of E.T.R.T.O and DIN 78022

VALVE HOLE 9.7 J -valve V3-20-4

REV	Change	Date	Name	Verification	Draw	Check	Approve	Material	RIM	SAPPH40 acc. JS G3113 - THK=6.0 mm	Part Name: 6.75*17.5 FORCE	customer:		
							Name:		DISC	SAPPH40 acc. JS G3113 - THK=10mm				
							Date:		Discription : Do not make a valve hole on the butt weld of the rim. Remove all sharp edges				product name:	Customer Dwg No:
					sheet : 1/1	tol.: GENERAL TOLERANCES MACHINED ARE STANDARD TO DIN 7168 f GENERAL TOLERANCES MACHINED SURFACES DIN 1302	Part No.							
scale: 1:4 format: A3														