

NingBo SuRui Machinery Co.,Ltd

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Characteristics

This Servo drive machine is designed For your Universal Processing applications this series of machinery is fast ,accurate and has Excellent Repeatability .This **THREEPLAST** injection molding machine can help you reach a maximum producibility on a wide range of materials . with a Bi-metal screw & Nitrided barrel . wear-resistant screw tip. High strength tie-bars and rigid platens . it all adds up to a unit ,that will stay the course ,giving consistently high quality and output with a wide range of materials and with the most complex of molds .

Machine Standard Features

Clamping Unit
Precise transducer for clamping /Ejector / Injection stroke control
Three platens / toggles made of highly-rigid ductile iron QT500-7A
Pre-drilled Robot mounting holes
Hydraulic gear-type mold height adjusting device
Mechanical / Electrical safety devices
Adjustment-free mechanical safety lock rod
Wear-resistant Manganese steel bands and supporting ,tracks for movable Platen
Automatic central lubrication system
Multiple ejector function settings
Euromap Platen with T-Slots and mold mounting holes
Automatic mold height adjustment
Force ejector reset
Anti-crushing bump strips on the safety gate edges
Injection Unit
Parallel double-cylinder injection system
Low-speed high-torque hydraulic motor
Bi-metal screw and Nitrided barrel
Multi-stage PID nozzle and barrel temperature control

Fully-closed heat band Cover
Nozzle safety cover
Cold start protection (oil heating function if the weather is Cold)
Linear guide for injection unit carriage
Automatic Material Purge
Selectable suck-back before or after plasticizing
Movable hopper (90T--320T)
Ceramic heater band
Back pressure control on PLC
Hydraulic System
Servo motor , pump system
Top branded hydraulic valve
Top branded hydraulic seal
Fast mold closing device
Built-in cooler
By pass Oil filter for Hydraulic oil
Hydraulic circuit design of mold opening stop (170T --500T)
Safety Retention device for exposed high-pressure hydraulic hose
Two set of core puller connector with valve
Mold water-cooling devices

Electrical System

Forced barrel heating protection

Input / Output inspection

Automatic heat retaining and automatic heating setting

Ways of switching from injection to holding pressure:

time/ position / time + position

12" TFT color LCD

Memory space for up to 100 mold data sets ,USB Ports

Multiple operating languages

Color alarm light

2 blow Air

All transducers ,weak-current switches and reversing

solenoid valves enclosed by water-proof and rat-bite- proof corrugated pipes

Multi-level password security and key-locked operation Panel

Front and Rear safety gates with emergency stop protection

Back safety gates with stop protection (back door open stop the motor)

PDP interface

Statistical process control (SPC) interface

Reserved interfaces for air-blowing ,core pulling, ejector back protection devices,
etc.

Two set of 3-phase power socket , AC 380V

One set of multi-function power socket ,AC 220V

SSR heating control

Euromap 67 / 12 Robot interface .

Others

Operation manual

Adjustable Leveling pad

A tool kit and precise filter element

Mold clamp

Spare parts (details as per sales contract)

Main Components

Description	Brand	Country of Original
Servo Driver	INOVANCE	CHINA
Servo Motor	PHASE	ITALY
Servo Pump	SUMITOMO	JAPAN
Connector	EATON	USA
Valve	YUKEN	CHINA TAIWAN
Controller computer	KEBA	AUSTRIA
AC contactor	SCHNEIDER	FRANCE
Stroke switch	SCHNEIDER	FRANCE
Single-pole switch	SCHNEIDER	FRANCE
Micro switch	SCHNEIDER	FRANCE
Linear Transducer	OPKON	TURKEY
Pressure Sensor	IFM	GERMANY
Seal components	HALLITE	UK
Hydraulic motor	DANDUN	CHINA
Lubrication system	RUNZHOU	CHINA

Machine Specifications

TH130				
Injection Unit		A	B	C
Screw Diameter	In	1.5	1.65	1.77
	mm	38	42	45
Screw L/D ration	L/D	22	20	18.5
Shot volume	in ³	11.9	14.52	16.96
	Cm ³	195	238	274
Shot weight (PS)	g	178	217	249
	oz	6.28	7.65	8.78
Injection Pressure	psi	30160	24795	21460
	Mpa	208	171	148
Max screw speed	rpm	200		
Clamping Unit				
Clamping Force	KN / T	1300 / 130		
	U.S.ton	143		
Opening stroke	In	14.96		
	mm	380		
Tie-bars distance	In	16.41 X 16.41		
	mm	417 X 417		
Max.mold height	In	18.11		
	mm	460		
Min.mold height	In	7.08		
	mm	180		
Ejector Stroke	In	4.72		
	mm	120		
Ejector force	KN	46		
	U.S. ton	5.06		
General				
Pump power	Kw	15		
	HP	20.1		
Heating capacity	Kw	7.4		
	HP	9.92		
Oil tank Capacity	Litre	220		
Machine Dimensions	In	181.10 X 53.15 X 82.68		
	m	4.60 X 1.35 X 2.10		
Machine weight	Kg	4300		
	Lbs	9460		

4. Warranty does not include any improper use by customer operation and the loss cause by wrong operation .

5. Warranty is limited to the replacement of damaged parts ,not including the Tax on customers . delivery charge .consumption and lost .

6. Warranty does not include any profit loss ,loss of production or the resulting any loss.



CE & EC type Examination Certificate



CERTIFICATE

ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive 2014/30/EU Electromagnetic Compatibility Directive and 2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name : Ningbo Xural Machinery Co., Ltd.

Company Address : No.45 Building 6, No.818 Qiming Road, Yinzhou District, Ningbo City, Zhejiang Province, China

Manufacturer Name : Ningbo Yinzhou Chongshen Machinery Co., Ltd.

Manufacturer Address : Minglang-A Village Wuyang Town, Yinzhou District, Ningbo City, Zhejiang Province, China

Related Directives and Annex : 2004/42/EC Machinery Directive
2014/35/EU Low Voltage Directive
2014/30/EU Electromagnetic Compatibility Directive

Related Standards : EN ISO 12100:2010, EN 60204-1:2018, EN IEC 61000-4-4:2019
EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
EN IEC 61000-4-2:2019 EN 201:2009

Product Name : Injection Molding Machine

Report No and Date : HDBT-2021030901S

Product brand/Model/Type : THREEPLAST J/H1160, TH90, TH110, TH130, TH180, TH310, TH340, TH380, TH400, TH450, TH480, TH500, TH550, TH600, TH650, TH730, TH750, TH800, TH900, TH1100, TH1300, TH1500, TH2000, TH2500

Certificate Number : M.2021.206.C42995

Initial Assessment Date : 22.03.2021

Registration Date : 23.03.2021

Reissue Date/No : -

Expiry Date : 22.03.2026

The validity of this certificate can be checked through www.udem.com.tr. The CE mark shown on the left can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity by the relevant Directive. This certificate enables the product of CE Declaration of Conformity Auditing Centre Industry and Trading Co. to whom it must be returned upon request. The above information must be correct as of the date of issue. No 15 years from the expiration of certificate. This certificate only covers the product(s) indicated above and cannot be used in relation to any other product(s).
Address: Muğlakent / Muğlaköyü 0713 506 08 (Etiler) 506 08 / No:10 Cumhuriyet / Ankara - TÜRKİYE
Phone: +90 312 443 0390 Fax: +90 312 443 03 76
Email: info@udem.com.tr www.udem.com.tr





PRODUCT CERTIFICATION BODY
Notified in Romania Commission
NB 1802

CEPROM® S.A.

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accredited for
CERTIFICATION



SR EN ISO/IEC 17065:2013
ACCREDITATION CERTIFICATE
No. 08-017/2017



EC TYPE-EXAMINATION CERTIFICATE

No. 213-ET-12021

Technical File no. 213-ET-12021/HDBT-2021030901S

Applicant: NINGBO SURUI MACHINERY CO., LTD. No. 43 Building 6, No. 818 Qiming Road, Yinzhou District, Ningbo City, Zhejiang Province, P.R. China	Manufacturer: NINGBO YINZHOU CHONGSHEN MACHINERY CO., LTD. Minglang-A Village Wuyang Town, Yinzhou District, Ningbo City, Zhejiang Province, P.R. China
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Description of product:
Machine type: **INJECTION MOLDING MACHINE**
Models: **see Annex**
Trademark: **THREEPLAST**

Certification procedure: EC Type-Examination
Reference standards: EN ISO 12100:2010, EN 201:2009, EN 60204-1:2018

Based on our assessment we confirm that the products are in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the
Machinery Directive 2006/42/EC



The CE mark as shown joined can be used, under the responsibility of the manufacturer or the importer, after completion of the CE Declaration of Conformity and in accordance with the above directive.
This certificate is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.
Maintaining certification is based on compliance with the requirements of certification contract.

Annex: Product identification - 6 pages

Issuing Date: 15.03.2021 Expiry Date: 14.03.2026	 <p>EUROPEAN UNION Satu Mare, ROMANIA</p>	CEPROM-CERT Manager eng. Vasile ZELE
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GENERAL MANAGER
eng. Vasile ZELE





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This Certificate of Conformity is valid only if it is published on the site www.ceprom.ro

Factory Glance





Customers



Shipping



We Also Provide Mould and Auxiliary Equipment :



Mould

Auto loader



Hopper dryer



Mixer



Crusher/Granulator



Chiller



Mould Temperature controller

And Others Customer needs

