[AUTHORIZED CHANNEL PARTNER (PAN INDIA) OF NINGBO [ADDRESS: 595, SUMANGLAM BUILDING, RDC, RAJ NAGAR, GHAZIABAD, UTTAR PRADESH - 201002 (INDIA)] [CONTACT DETAILS: +91-98718 18822 / 70118 34322, E-MAIL ID'S: SALESCET01@GMAIL.COM]

OUOTATION

Kind Attn: Mr. A.S. Rana

Date: 09 / 11 / 2021

M/s. Elin Electronics Limited C-142-143-144, C-144/1, C-144/2, B.S. Road, Industrial Area, Site No.1, Ghaziabad - 201009, UP [Mobile: 9810035619] [E-mail: asrana@elinindia.com]

Dear Sir,

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We thank you for your enquiry of "New C Frame Single Crank Power Press Machine".

We are pleased to submit hereunder our offer for the following models for your kind consideration.

"C Frame Single Crank C1N Series "Capacity - 110 Ton"

"C Frame Single Crank A1 Series "Capacity - 110 Ton"

C – FRAME MACHINE FEATURES

- C Type press frame allows convenient die setting.
- Super rigid steel frame minimizes deflection.
- Long and precise six point, box type gibbing enhance off center loading resistance and prolongs die life.
- Pneumatic dry combination friction clutch & brake, low noise and long service life to ensure reliable safety and flexible action.
- Hydraulic overload protector is equipped as a standard features to cause emergency stop instantly to ensure maximum protection for the press and die.
- High performance, high efficiency, low inertia, high torsion, low noise, dust free, long service life, low cost of maintenance.

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C FRAME SINGLE CRANK PRESS (C1N SERIES REFERENCE PICTURES ONLY)



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C FRAME SINGLE CRANK PRESS (A1 SERIES REFERENCE PICTURES ONLY)



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FOLLOWING POINTS TO BE COVERED UNDER PACKAGE

- 4 Machine warranty -12 months from the date of installation.
- Wet Clutch 24 months warranty with 18 hours operating of machine on daily basis. Conditions -Preventive maintenance regularly taken care as per schedule.
- Machine Spares Consumable parts mostly available ready in stock at our India office or it will arrange from Goanwin thru TNT courier in emergency case.
- After Sales Support Every three / four months our engineer visits customer factories as courtesy and to do the machine health checkup till the machine is under warranty.

4 Online support always available at any time.

OBO ET

- Machine Installation Not required any support direct from Goanwin Here you are saving 70% installation cost because our engineers are well technical sound about the product and easy to handle the installations, training on product, trouble shoot, preventive maintenance, tool trial etc...
- **Wachine price offered at FOB NINGBO, CHINA basis.**
- 4 All safeties already we are providing in our machines to prevent from double stroke.
- All machines having Encoder / Resolver for better stroke and soft cams for easy synchronize with third party equipment's.
- 4 3 ~ 6 no's soft cams available in the machine (depends on the application & requirement).
- Delta, Taiwan make HMI & PLC and Teco, Taiwan or Equivalent make VFD we are offering in all machine models.
- **4** The model of HMI is (Colored Touch Screen 7 Inch) & PLC is common for all machine models.
- Grease Pump IHI or Equivalent make provided on machine and similarly common for all machine models.
- 🖊 Overload Pump Showa, Japan
- 🖊 Main Motor Teco, Taiwan
- In single multi selector switch for INCH / SINGLE /CONTINOUS/OFF using worldwide brand and having good life more than 10 years or more.
- **Wain Motor reverses circuit to be provided.**

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<u>TECHNICAL STECIFICATIONS</u>			
Description <u>C – Frame Single Crank Power Press</u>			ower Press
Model	Unit	Unit <u>C1N-</u>	
		<u>V</u>	H
Capacity	Ton	110	
Rated Tonnage Point	mm	6	3
Stroke Per Minute (Variable)	SPM	30~60	60 ~ 90
Stroke Per Minute (Fixed)	SPM	50	
Stroke Length	mm	180 80	
Die Height	mm	360	410
Die Height Adjustment	mm	80	
Slide Area	mm	650 x 470 x 80	
Bolster Area	mm	1150 x 600 x 110	
Shank Hole	mm	©50	
Main Motor	KW/P	11 x 4	
Slide Adjust Device	-	Motorized	
Air Pressure	Kg/cm ²	6	
Presses Precision	_	GB(JIS) 1class	
Presses Dimension	mm	1900 x 1300 x 3200	
Presses Weight	Ton	9.6	
Capacity of Die Cushion	Ton	6.3	
Stroke of Die Cushion	mm	80	
Die Cushion Effective Area	mm ²	500 x 350	
Cushion Working Pressure	Kg/cm ²	5.5	
Drive Mechanism	-	Cross Shaft	
Material of Bolster Plate	-	Mild Steel	

TECHNICAL SPECIFICATIONS

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TECHNICAL SPECIFICATIONS				
Description <u>C – Frame Single Crank Power Press</u>			ower Press	
Model	Unit	<u>Unit</u> <u>A1 – 110</u>		
		V	Н	
Capacity	Ton	110		
Drive Mechanism	-	Cross	Shaft	
Rated Tonnage Point	mm	5	3.2	
Stroke of Slide	mm	180	70	
Stroke Per Minute (Variable)	SPM	30~60	60 ~ 120	
Stroke Per Minute (Fixed)	SPM	50	90	
Max. Die Height	mm	350	405	
Die Height Adjustment	mm	90		
Depth Of Throat	mm	350		
Slide Area	mm	650 x 520 x 80		
Bolster Area	mm	1150 x 680 x 110		
Material of Bolster Plate	-	Mild Steel		
Shank Hole	mm	۵50		
Main Motor	KW/P	11 x 4		
Slide Adjust Device	-	Electric		
Air Pressure	Kg/cm ²	6		
Height Of Bolster Surface	mm	845		
Capacity of Die Cushion	Ton	8		
Stroke of Die Cushion	mm	80		
Die Cushion Effective Area	mm ²	500 x 350		
Cushion Working Pressure	Kg/cm ²	5.5		
Presses Precision	-	GB(JIS) 1class		
Presses Dimension	mm	1305 x 1935 x 2915		
Presses Weight	Ton	9.5		

TECHNICAL SDECIEICATIONS

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C1N / A1 SERIES OUOTATION IS INCLUDED BELOW ACCESSORIES

- ✓ Anti Vibration Press Mount (AVM)
- ✓ Variable Frequency Drive / Inverter (VFD)
- ✓ Safety Light Sensor (Photo Safety Sensors)
- ✓ Main Motor

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- ✓ Forward / Reverse Main Motor
- ✓ Auto Grease Pump
- ✓ Modes Selection Inch / Single / Continuous
- ✓ Slide Knock Out Device
- ✓ Hydraulic Overload Protector
- ✓ Crank Angle Indicator
- ✓ Dry Clutch
- ✓ Balance Device
- ✓ Speed Indicator
- ✓ Electric Type Die Height Indicator
- ✓ Electric Cam
- ✓ Relays Omron
- ✓ Manual Lubrication Pumps for Balancer

- ✓ Second Fall Protection Device
- ✓ Power Socket
- ✓ Operation Manual
- ✓ Mobile Start / Stop
- ✓ PLC & HMI (Touch Pad)
- ✓ Tonnage Display on HMI in Digital Form wrt Hydraulic Pressure (Goanwin developed own design & by default provided in all models onwards 160 Ton)
- ✓ Preset & Pore judge Counter
- ✓ Air Source Receptacle
- ✓ Misfeed Detection Device
- ✓ Maintenance Tool Box
- ✓ Die Room Light
- ✓ Motorized Type Slide Adjust Device
- ✓ Standard Metal Pallet Packing for Export.
- ✓ Installation of machines
- ✓ Free Service Support Under Warranty

BELOW ACCESSORIES AT ADDITIONAL COST

- ✓ Feeder / Uncoiler / Straightener / Leveller
- ✓ QDCS (Quick Die Clamp System)
- ✓ Insurance, Duties & Taxes
- ✓ Servo Stabilizer
- ✓ B.D.C Detector
- ✓ Consumable Spare Parts
- ✓ Die Cushion

- ✓ Wet Clutch
- ✓ Material Lubrication Device
- ✓ Oil & Lubricants
- ✓ Freight (Ningbo Port to Indian Port)
- ✓ Foot Switch
- ✓ Wooden Packing

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Sr. No.	STANDARD SPECIFICATIONS OF C	/ H FRAME (FROM 45 TO 400 TON)	
01	Slide T Slot Layout	As Per Customer Requirement / Standard Design	
02	Bolster T Slot Layout	As Per Customer Requirement / Standard Design	
03	Photo Safety Guard / Light Curtain	Provided	
04	CAM Limit Switch	3nos Soft Cam Controlled thru Encoder / Resolver	
05	Pneumatic Slide Balancer	Provided	
06	Hydraulic Overload Protection	Provided	
07	Pneumatic Clutch & Brake -Dry Type	Provided	
08	Motorized Grease Lubrication System	Provided	
09	Mechanical Knock Out Bar	Provided	
10	Crank Angle Indicator	Digital Type Provided	
11	Shut Height Indicator (Goanwin Make)	Digital Type Provided	
12	Production Counter	Provided on HMI	
13	Preset Counter	Provided on HMI	
14	Control Voltage	110 VAC	
15	PLC	Provided	
16	Colored 7" Touch Screen	Provided	
17	Operation Mode Selection	Provided	
18	Two Hand Switch Operation	Provided	
19	Emergency Stop Switch	Provided	
20	Anti Repeat Circuit	Provided	
21	Dual Solenoid Valve	Provided	
22	TDC Stop	Provided	
23	Overrun Detector	Provided	
24	FRL & Pneumatic Fitting	Provided	
25	Anti Vibration Pad (Spring & Gel Type)	Provided	
26	Mode Selector Switch (INCH / SINGLE / CONT.) on Run Button Station for Ease of Operation.	Provided	
27	Die Area Light LED	Provided	

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28	Air Receptacle	Provided
29	Both Key Type Lock & Rubber Screw on Electrical Panel	Provided
30	In Built Single Phase Electrical Socket.	Provided
31	Air Ejector Synchronized with CAM	Provided
32	Color Scheme of Press	Goanwin Standard
33	Electrical Switch Gears	Provided
34	Misfeed Detector Socket	Provided
35	Inching Key on Panel	Provided
36	Mode to be Changed from Single to Inch if stop before 170 degree	Provided
37	Hardened Bushes	Provided
38	Frame Structure (Vibration Test)	Yes
39	Frame Structure (Heat Tempering Test)	Yes
40	Frame Structure (Laser Checking Test)	Yes

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MAKE OF BOUGHT-OUT ITEMS			
<u>Sr. No.</u>	Description	Make	
1	MCCB (Mounded Case Circuit Breaker)	Schneider	
2	MPCB (Motor Protection Circuit Breaker)	Schneider	
3	MCB (Miniature Circuit Breaker)	Schneider	
4	Contactors & Control Relays	Schneider / Omron	
5	Limit Switches	Domestic	
6	Glass Relay	Omron	
7	Overload Relays	NA, since MCB is being used	
8	Push Buttons	LED Type Technic make or Equivalent	
9	All Pneumatics Valves And Other Elements	SMC	
10	All Hydraulic Valves And Other Elements	Rexroth / Denision / Dowty/ Polyhydron	
11	All Pressure Gauges And Transducers	Fibig/Gluck Or Reputed Make	
12	Main motor	Тесо	
13	PLC	Delta	
14	AC Drive	Teco / Delta / Mitsubishi / Equivalent	
15	Cam Box	Коуо	
16	Press Control Encoder	Koyo / Equivalent	
17	Bearings	NSK	
18	Hydro Pneumatic Overload Pump	Showa Japan	
19	Lubrication System	IHI Japan / Equivalent	
20	Photo Electric Guards	LNTECH	
21	Slip Clutch	Goanwin Standard	
22	Dual Solenoid Valve	TOYOOKI / Equivalent	

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Main accessories

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PLC control: All press machines are adpot DELTA/Taiwan PLC with high stability and longer service life.



Automatic lubrication system: Press machine can equipped IHI/Japan automatic lubrication pump. Customer can set the lubrication circle time by the touch screen.



Bearing:

Goanwin press machine are equipped with NSK/Japan, NTN/Japan bearing which has high quality and longer life.



Overload protector:

Overload protector is used to protect the press machine and the die if the machine is overloaded. You can reset the overload with the switch on the touch acreen easily. SHOWA/Japan, KINGAR/Taiwan are available.



Valve: ROSS/America, TACO/Japan, TOYOOKI/Japan are available.



clutch: OMPI/Italy clutch lower noise and longer service life.



Main motor: TECO/Taiwan, TATUNG/Taiwan motor are available.

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<u>INVESTMENT IN USD (FOB NINGBO)</u>				
<u>S. No.</u>	Machine Details & Model	<u>Unit Price</u> (USD)	<u>Oty</u>	Price in (USD)
1	 C1N - 110 Ton (C – Frame Single Crank Pneumatic Power Press M/c) Following Accessories Included : - Anti Vibration Pads - 4 nos Variable Frequency Drive / Inverter (VFD) Mobile T Stand (operation) - 1 nos Slide Knock Out - 1 set Photo Safety Sensors - 1 set Auto Grease Pump - 1 set Die Area Light - 1 nos Metal Pallet Packing - 1 set Dry Clutch & Brake Unit - 1 set Shifting from Goanwin factory to Ningbo Sea Port - 1 set Installation of Machine Free service support under warranty 	\$22,850.00	01 set	\$22,850.00
2	 A1 - 110 Ton (C – Frame Single Crank Pneumatic Power Press M/c) Following Accessories Included : - ✓ Anti Vibration Pads - 4 nos ✓ Variable Frequency Drive / Inverter (VFD) ✓ Mobile T Stand (operation) - 1 nos ✓ Slide Knock Out - 1 set ✓ Photo Safety Sensors - 1 set ✓ Auto Grease Pump - 1 set ✓ Die Area Light - 1 nos ✓ Metal Pallet Packing - 1 set ✓ Dry Clutch & Brake Unit - 1 set ✓ Shifting from Goanwin factory to Ningbo Sea Port - 1 set ✓ Installation of Machine ✓ Free service support under warranty 	\$24,900.00	01 set	\$24,900.00

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TERMS & CONDITIONS		
 30 % advance payment along with PO & PI. 70% the remaining of the total contract value paid off before shipment. 		
 75 days (Ready for Inspection) C1N - 110 Ton. 90 days (Ready for Inspection) A1 - 110 Ton. (Any festival holidays or natural disaster not to be accountable in the delivery dates). 		
FOB NINGBO (CHINA)		
@ Extra cost		
At actual on Goods & Services		
To be packed in export standard		
Six months from the offer date		
 a) 12 months after installation and commissioning at Buyer's site. b) This guarantee excludes any parts that require normal maintenance. The guarantee is strictly limited to the repairing and the replacing of the mechanical parts supplied by the Seller found to be defective provided that failure has occurred during the ordinary use of the equipment and it is not accepted and claim due to damage to people, property or loss of production. Shipment charges are not included. c) Under warranty parts to be despatch within 3 - 6 workings days by TNT. 		
NINGBO GOANWIN MACHINERY MANUFACTURING CO., LTD		
NO. 318, GUANGMING ROAD, GUANGMING INDUSTRIAL ZONE, ZHENHAI DISTRICT, NINGBO, CHINA		
 a) Above price is based on FOB NINGBO (CHINA). b) The entire above price is included charge for commissioning and installation. c) It is the Buyer's responsibility to arrange To & Fro, Accommodation, Local Transport & Fooding etc at their own cost for Goanwin or Indian Representative Engineers & Technician. d) The seller will supply the packing list, invoice and CO and the operation manual, electrical scheme, the drawings of the easily damaged parts as well as the safe operation specification. e) Delivery will be effective from the date of Purchase Order alongwith Advance 		

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	payment.	
	 f) Delivery period as indicated in the quotation will commence from the date of the Buyer's order, all clarifications and advance payment if any. Unless mentioned in the offer or agreed in writing by the seller the delivery period will 75 - 90 days (ready for inspection). 	
	g) Prices do not include packaging, freight and insurance charges, goods will be invoiced at prices ruling at the time of delivery.	
	 h) All excise duties, sales tax and any other tax levy or duty including increase therein and any new taxes, levies or duties imposed by the state on central government or any local or municipal authorities as may be applicable on the date of delivery shall be paid by the buyer. 	
	i) Seller shall not be responsible for any loss due to downtime or any consequential damages against buyer.	
	j) Seller shall not guarantee for consumable parts and defect or deficiency resulting from the modifications by buyer.	
Buyer's Scope	 a) Any kind of Grease / Lubrication oil, Regulated / Servo Three Phase Power Supply with double earthing, Pneumatic supply near to the machine, Any foundation / Mason work, Tools, Operator, Raw material for trials, Heavy Equipments for Loading & Unloading, Crane, Hydra, Fork Lift, Lifting Belts / Chains, Cleaning Cloth, Unskilled labours, Any kind of heavy tools etc. 	
	a) Installation & commissioning charges of machine is included in the above offer.	
	b) 2 days are estimated to complete Installation and test running of the whole line. One Engineer's & one Technician's will be made available for such operation.	
Installation Support from Goanwin Indian Representative	 c) To & Fro Air / Train (2 Tier AC) tickets, Accommodation, Boarding, Fooding, Local Conveyance to be arrange by buyer at their own cost to our Engineers & Technician. 	
	 d) Due to any delay from customer end and the work will not complete as per mentioned days than the buyer will have to pay @6000 per day per engineer / technicians cost extra. The final invoicing will be done as per spend total man days at site. 	

We look forward to the pleasure of receiving your valued order, we keep in contact for everything that you need.

Please do contact us if you need any clarifications.

Best regards, **Amit Garg**