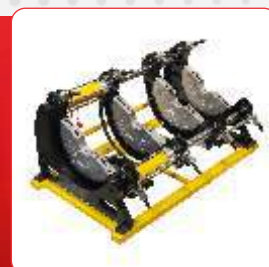


**RELIABLE
PRODUCT
ASSURED QUALITY
UNMATCHED
SERVICES**

**PRODUCT
CATALOGUE**

2023-24 ►

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RELIABLE PRODUCT
ASSURED QUALITY
UNMATCHED SERVICES

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PIPE THREADING MACHINE



THREADING MACHINE NV50P 2 INCH

MODEL	NV50P
Capacity	1/2"-2"
Motor	1000W (Induction)
Voltage	220V-240V,50Hz
Speed	28RPM
Weight	53Kg
Standard Accessories	• One set 1/2"-3/4" alloy dies • One set 1"-2" alloy dies • One pc 1/2"-2" die Head • 3 ltrs oil • With Stand

NV50P



NV50A-II

THREADING MACHINE NV50A - II 2 INCH

MODEL	NV50A-II
Capacity	1/2"-2"
Motor	1500W Series Motor
Voltage	220V-240V,50Hz
Speed	38RPM
Weight	60Kg
Standard Accessories	• One set 1/2"-3/4" alloy dies • One set 1"-2" alloy dies • One pc 1/2"-2" die Head • 3 ltrs oil • With Stand



THREADING MACHINE NV100P

4 INCH

NV100P



MODEL	NV100P
Capacity	1/2"-4"
Motor	1100W (Induction)
Voltage	220V-240V,50Hz
Speed	24/10RPM
Weight	108 Kg
Standard Accessories	• One set 1/2"-3/4" alloy dies • One set 1"-2" alloy dies • One set 2 1/2"-4" alloy dies • One pc 1/2"-2" die head (Manual) • One pc 2 1/2"-4" die head (Automatic) • 3 ltrs oil • With Stand

THREADING MACHINE NV150P

6 INCH

NV150P



MODEL	NV150P
Capacity	2.1/2"-6"
Motor	1100W (Induction)
Voltage	220V-240V,50Hz
Speed	16/6RPM
Weight	220 Kg
Standard Accessories	• One set 2.1/2"-4" alloy dies • One set 5"-6" alloy dies • One pc 2.1/2"-4" die head • One pc 5"-6" die head • 3 ltrs oil • With Stand

PIPE GROOVING MACHINE



NV-5A



MODEL	NV-5A
Capacity	1"-6" (Ø33 - Ø168) SCH40 Pipe
Max Wall Thickness	6mm
Voltage	220V-240V, 50Hz
Speed	23RPM
G.W	96 Kg
Standard Accessories	• Pipe Support Stand • Knurl Wheel Ø 33 – Ø 48 One pc • Knurl Wheel Ø 57 – Ø 89 One pc • Knurl Wheel Ø 108 – Ø 168 One pc • Pinch Roller Ø 33 – Ø 48 One pc • Pinch Roller Ø 57 – Ø 168 One pc • Groove Measuring Tape One Pc
Packaging Size	95x53x65 (cm)

MODEL

NV-9A

Capacity	1"-8" (Ø33 - Ø219) SCH40 Pipe
Max Wall Thickness	8mm
Voltage	220V-240V, 50Hz
Speed	23RPM
G.W	98 Kg
Standard Accessories	• Pipe Support Stand • Knurl Wheel Ø 33 – Ø 48 One pc • Knurl Wheel Ø 57 – Ø 89 One pc • Knurl Wheel Ø 108 – Ø 168 One pc • Knurl Wheel Ø 219 One pc • Pinch Roller Ø 33 – Ø 48 One pc • Pinch Roller Ø 57 – Ø 168 One pc • Pinch Roller Ø 219 One pc • Groove Measuring Tape One Pc
Packaging Size	95x53x65 (cm)

NV-9A



NV-2A



MODEL	NV-2A
Capacity	2"-12" (Ø60 - Ø325) SCH40 Pipe
Max Wall Thickness	10mm
Voltage	220V-240V,50Hz
Speed	23RPM
G.W	163 Kg
Standard Accessories	• Pipe Support Stand • Knurl Wheel Ø 60 – Ø 76 One pc • Knurl Wheel Ø 89 – Ø 168 One pc • Knurl Wheel Ø 219 – Ø 325 One pc • Pinch Roller Ø 60 – Ø 168 One pc • Pinch Roller Ø 219 – Ø 325 One pc • Groove Measuring Tape One Pc • Foot Switch One pc
Packaging Size	78x72x92 (cm)



PIPE GROOVING MACHINE

MODEL	RX-12E
Capacity	2"-6" for schedule 40 8"-12" for schedule 10
Motor	750W
Voltage	220V-240V,50Hz
Speed	24RPM
G.W:	150 Kg
Standard Accessories	• Pipe Support Stand • Pinch Roller 2"-6"- One pc • Pinch Roller 8"-12"- One pc • Knurling Wheel 2"-3"- One pc • Knurling Wheel 4"-6"- One pc • Knurling Wheel 8"-12"- One pc

RX-12E



PIPE GROOVING MACHINE



MODEL	NV-4A
Capacity	8"-24" (Ø219 - Ø630) SCH40 Pipe
Max Wall Thickness	13mm
Voltage	380V-415V,50Hz
Speed	15RPM
G.W	340 Kg
Standard Accessories	• Hydraulic Pipe Support Stand • Knurl Wheel Ø 219 – Ø 325 One pc • Knurl Wheel Ø 377 – Ø 426 One pc • Knurl Wheel Ø 480 – Ø 630 One pc • Pinch Roller Ø 219 – Ø 530 One pc • Pinch Roller Ø 630 One pc • Groove Measuring Tape One Pc
Packaging Size	102x75x147 (cm)

NV- 4A



NV-III A



NV-III A (Heavy Duty)

- To quickly cut holes in pipe for up to 114mm
- Quick mounting
- Quick cutting
- Portable and easy to operate

SPECIFICATIONS FOR NV-III A

Power input	700W
Voltage	230V, 50Hz
Speed	110RPM
Max. Wall thickness	10mm
Max. cutting capacity	114mm
Pipe mounting capacity	30 mm-220 mm
Drill chuck capacity	3 mm - 16mm
Overall dimensions (LxWxH)	320x320x620mm
Net weight	19 kg

RX-III H

- To quickly cut holes in pipe for up to 114mm
- Build in bubble levels for multiple hole alignment
- Tool free quick-release handle can be mounted on either side
- Quick mounting
- Quick cutting
- Portable and easy to operate

SPECIFICATIONS FOR RX-III H

Power input	1500W (Universal Motor)
Voltage	230V, 50Hz
Speed	240RPM (No Load)
Max. Wall thickness	8mm
Max. cutting capacity	114mm
Pipe mounting capacity	30 mm-220 mm
Drill chuck capacity	3 mm - 16mm
Overall dimensions (LxWxH)	550x300x340mm
Net weight	17 kg

RX-III H



NV-IIIIB



NV-IIIIB

- The NV-IIIIB pipe hole cutter is designed to cut holes up to 152mm into steel pipe.
- The multiple hole sizes allow the use of fittings for branching unpressurized pipe lines.
- NV-IIIIB has a 5/8" (16 mm) capacity drill chuck to accommodate all sizes of hole saws and hole saw arbors.
- An integral motor and gear reduction optimizes performance of large diameter hole saws.
- The dual-side feed handle allows the operator to use the Hole Cutting Tool from either the left or right side.

SPECIFICATIONS FOR NV-IIIIB

Power input	1500W, Universal Motor
Voltage	230V, 50Hz
Speed	110RPM (No Load)
Max. cutting capacity	upto 152mm
Pipe mounting capacity	1 1/4" - 12" (OD: 42mm-323mm)
Drill chuck capacity	3 mm - 16mm
Overall dimensions (LxWxH)	400x300x350mm
Net weight	20 kg

Standard Configuration

- Pipe hole cutting machine body = 1pc
- Operation handle = 1pc
- Drill Chuck = 1pc
- Key for drill chuck = 1pc

A B C D → 4 Guide Rods

E F → 2 Chain Assembly

NV- 8C



PIPE CUTTING MACHINE

MODEL		NV-8C
Capacity	Max. Wall Thickness	08 MM
	Pipe Diameter	60 MM- 220MM (2" - 8")
Speed		24 RPM
Electric Motor		550 Watt, 220V 50/60Hz, 1-Phase



PIPE CUTTING MACHINE

NV- 12C

MODEL		NV-12C
Capacity	Max. Wall Thickness	08 MM
	Pipe Diameter	60 MM- 325MM (2" - 12")
Speed		23 RPM
Electric Motor		750 Watt, 220V 50/60Hz, 1-Phase



RX-60A



ELECTRICAL TEST PUMP

Part No.	RX-60A
Pressure Range	0-6.0 Mpa / 0-60kg/cm ² / 0-900 PSI
Flow	6L/Min - 360L/H
Motor	700W/220V/50Hz
Dimension	Plastic box: 39 x 29 x 29 (cm)

Note: (Unit Conversion) : 1MPa = 10 Bar = 10.1972kg. / cm² = 145.038 Psi

FEATURES

- For quick & exact compression testing
- For testing of leaks in installations, especially for use in heating, compressed air, refrigeration systems, oil installations, sprinkler systems & other small bore pipe applications
- Reliable device of pipeline construction, pressure vessel manufacture test, pipeline pressure test
- Electric Pressure test pump, featuring compact, stable output, low power, convenient carry, simple & easy maintainance.

Instructions before using the Electric Testing Pumps

- Connect the Suction hose, the overflow hose, the high pressure hose, as illustrated in fig1 Especially the Suction hose, the high pressure hose must be fastened tightly together with gaskets, not permit water leakage from each joint.
- Loosen the pressure adjusting screw. This is to prevent immediate pressure rise after start of the pump.
- Put the suction hose with strainer & the overflow hose in a water tank.
- Keep the water tank clean
- Fill the Hose & container to be Tested with water & drain out air

MANUAL TEST PUMP

Part No.	RX-60M
Max Pressure	6.0MPa / 60 kg / cm ²
Stroke	35 mm
Flow of per stroke	13 c.c
capacity of water tank	10L
dimensions (LxHxW)	34 x 60 x 31 (mm)

Note: (Unit Conversion) : 1MPa = 10 Bar = 10.1972kg. / cm² = 145.038 Psi

FEATURES

- Pump body is of Brass
- Durable in use, Simple operations & Easy to maintain
- Compact and super light weight structure makes it handy and portable

RX-60M





MODEL : NVP 160D4	
Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Applicable Material	PE, PP, PVDF
Pipe Size	63, 75, 90, 110, 125, 140, 160
Input Voltage	220V
Chamfering Tool Power	680W
Heating Plate Power	1500W
Gross Weight (Approx.)	38 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Steel Stand & Tool Box

MODEL : NVP 200D4	
Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Applicable Material	PE, PP, PVDF
Pipe Size	63, 75, 90, 110, 125, 140, 160, 180, 200
Input Voltage	220V
Chamfering Tool Power	680W
Heating Plate Power	1800W
Gross Weight (Approx.)	40 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Steel Stand & Tool Box



MODEL : NVP 250D4

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Applicable Material	PE, PP, PVDF
Pipe Size	90,110,125,140,160,180, 200, 225, 250
Input Voltage	220V
Chamfering Tool Power	1100W
Heating Plate Power	2000W
Gross Weight (Approx.)	70 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Steel Stand & Tool Box



MODEL : NV 200P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PPR, PB, PVDF
Pipe Size	63, 75, 90, 110, 125, 140, 160, 180, 200
Input Voltage	220V
Chamfering Tool Power	1000W
Heating Plate Power	1800W
Hydraulic Station Power	750W
Gross Weight (Approx.)	130 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box

MODEL : NV 315P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PPR, PB, PVDF
Pipe Size	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315
Input Voltage	220V
Chamfering Tool Power	1100W
Heating Plate Power	3100W
Hydraulic Station Power	750W
Gross Weight (Approx.)	185 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box



MODEL : NV 355P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PPR, PB, PVDF
Pipe Size	160, 180, 200, 225, 250, 280, 315, 355
Input Voltage	220V
Chamfering Tool Power	1100W
Heating Plate Power	3600W
Hydraulic Station Power	750W
Gross Weight (Approx.)	230 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box

MODEL : NV 400P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PP, PVDF
Pipe Size	200, 225, 250, 280, 315, 355, 400
Input Voltage	380V
Chamfering Tool Power	1100W
Heating Plate Power	6500W
Hydraulic Station Power	1100W
Gross Weight (Approx.)	376 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box





MODEL : NV 500P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PPR, PB, PVDF
Pipe Size	280, 315, 355, 400, 450, 500
Input Voltage	380V
Chamfering Tool Power	1100W
Heating Plate Power	6500W
Hydraulic Station Power	1500W
Gross Weight (Approx.)	480 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box

MODEL : NV 630P

Heating Plate Max. Temp.	270°C
Temperature Deviation	±3°C
Operation Temperature	220°C
Pressure Adjustable Range	0-6.3 Mpa
Applicable Material	PE, PPR, PB, PVDF
Pipe Size	400, 450, 500, 560, 630
Input Voltage	380V
Chamfering Tool Power	1100W
Heating Plate Power	7500W
Hydraulic Station Power	1500W
Gross Weight (Approx.)	645 KGS

Scope of Delivery : Basic Frame, Chamfering Tool, Heating Plate, Hydraulic Station, Steel Stand & Tool Box

AUTOMATED WITH MANUAL ELECTRO FUSION MACHINE

Inverter Based Model

Lighten in Weight (5Kg)

Voice Commanded Machine



MAIN FEATURES:

- ❖ Microprocessor program control
- ❖ English menu LCD display
- ❖ Fully automatic output control
- ❖ Six segments can be set to constant voltage or constant current output
- ❖ Six segments can set the output time length
- ❖ Bulk record storage (400 history records)
- ❖ Voice prompts
- ❖ Wide supply voltage input
- ❖ Keyboard operation and record printing

MODEL : NV 200EB

Fusion Range	20-200MM
Input Voltage	AC170V-AC250V
Input Frequency	40-60Hz
Output Voltage	DC3~70V
Output Current	DC2~60A
Power	2500W
Output Accuracy	< ± 1%
Ambient Temperature	-15~45 °C
Stored Temperature	-30~70 °C
Relative Humidity	<80%
Control Mode	Constant Voltage, Constant Current
Set Output Time	0-9999 (S)
Record Storage	400
Data Output Port	RS232
Box Size (L, W,H)	43 x 22 x 30 (MM)
Gross Weight	7KG
Set Output Accuracy	0.1V,0.1A

Scope of Delivery: Main Machine, Scanner with Cable, Scrapper, Copper Connectors, User Manual

MODEL : NV 315EB

Fusion Range	20-315MM
Input Voltage	AC170V-AC250V
Input Frequency	40-60Hz
Output Voltage	DC3~70V
Output Current	DC2~60A
Power	3500W
Output Accuracy	< ± 1%
Ambient Temperature	-15~45 °C
Stored Temperature	-30~70 °C
Relative Humidity	<80%
Control Mode	Constant Voltage, Constant Current
Set Output Time	0-9999 (S)
Record Storage	400
Data Output Port	RS232
Box Size (L, W,H)	43 x 22 x 30 (MM)
Gross Weight	7KG
Set Output Accuracy	0.1V,0.1A

Scope of Delivery: Main Machine, Scanner with Cable, Scrapper, Copper Connectors, User Manual

NV-PPR-63A



Model : NV-PPR-63A

Fusion Range	Dia(MM) : 20, 25, 32, 40, 50, 63
Rated Power	800W
Rated Voltage	220V
Frequency	50/60Hz
Working Temperature	240-280° C

NV-PPR-110A



Model : NV-PPR-110A

Fusion Range	Dia (MM) : 75, 90, 110
Rated Power	1200W
Rated Voltage	220V
Frequency	50/60Hz
Working Temperature	240-280° C

NV-PPR-160A



Model : NV-PPR-160A

Fusion Range	Dia(MM) : 63, 75, 90, 110, 125, 140, 160
Rated Power	1500W
Rated Voltage	220V
Frequency	50/60Hz
Working Temperature	240-280° C

Model No. : NV-39

KEY FEATURES

- ❖ 4.3 inches high resolution colorful LCD display, image can be turned according to position
- ❖ 4 Pole Motor Machine
- ❖ Electrode Life 5000 times splicing without exchange
- ❖ Average splice time : 7 seconds
- ❖ Average tube-heat time : 18 seconds
- ❖ Lithium Battery : Rechargeable and up to 350 times of continuous splice and heat after fully charged
- ❖ X or Y axis separately views with 360 times magnification, or simultaneously 220 times
- ❖ Cutting-edge technology providing strong wind and dust resistance.
- ❖ LED lighting easy to use in dim environment.
- ❖ Splicing mode : Auto & Manual & Full-Auto
- ❖ USB Port / SD
- ❖ Storing 10,000 groups of latest splice results
- ❖ New 3-in-1 cutting fixture for rubber-insulated wire, pigtail & bare fiber (Patented Technology)
- ❖ New Multipurpose 1 + N fixture (for rubber-insulated wire, fiber optic pigtail, bare fibre) & optional



STANDARD ACCESSORIES

SI No.	Item	Qty
1	Machine NV-39	1
2	Fiber Cleaver	1
3	Fiber Stripper	1
4	AC Adaptor (Charger)	1
5	Battery	1
6	Size Cutter	1
7	Knife	1
8	Lens Buds	1
9	Alcohol Dispenser	1
10	Spare Electrodes	1
11	Cooling Tray	1
12	Quick Reference Guide	1
13	Rubber-insulated wire stripping pliers	1
15	Carrying case with carrying strap	1

SPECIFICATION

Applicable Fibers	SM (ITU-T G.562), MM (ITU-T G.651), NZ-DS (ITU-T G.653), NZDS (ITU-T G.655) EDF, Pigtail, Cable (Rubber-insulated wire), others (including G.657 & G.651)
Average Splice Loss	0.02DB (SM), 0.01DB (MM), 0.04DB (NZDS), 0.04DB (EDF)
Return Loss	≥60DB
Tension Test	2.25N
Typical Splicing Time	7 Seconds
Typical Heating Time	18 Seconds
Splicing Program	50 Groups
Protection Sleeve Length	20mm, 40mm, 60mm
Operating Language	Japanese, Chinese, English, French, Portuguese, Spanish
Operating Conditions	-10~+50°C (operation temperature), 0~95% RH (Humidity), 0~5000m (Altitude)
Power Supply	AC Adaptor : 100~240V input voltage, 50/60 Hz; 12V, 5A output voltage (DC) Inner lithium battery : 12V, 6.8 AH
Monitor	4.3 inches high resolution colorful LCD display
Fiber Image Magnification	X or Y axis separately views 360 times magnification, or simultaneously 220 times
Storage of Splice Result	10,000 groups of latest splice results
Splicing Model	Auto & Manual & Full Auto
Optical Fiber Fixture	3-in-1 cutting fixture; Multipurpose 1+N fixture (NV-39, for SC/LC/FC connector)
Dimensions	120 (W) X 154 (D) X 130 (H) mm (without rubber anti-vibration pad)
Weight	1.59 Kg + 0.37 KG (Battery Weight) = 1.96 Kg Package G.W. 6.03 Kg

