



POWER
Made In India

Hose Assembling Solutions

Made in India
Made for the World.



Manufactured by:

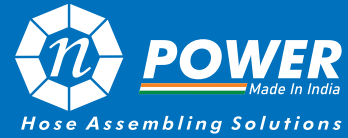
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From being founded in 1992, N Power has been synonymous with quality and reliability of Hose Crimping Machines and related machinery. We had worked closely with hose and fitting manufacturers to ensure that our products meet the toughest demands of the hose industry. With a large satisfied customer base spread in 5 continents of the globe, N Power has emerged as the leading manufacturer providing total Hose Assembling Solutions in Asia. We are the approved supplier of large number of PSUs and leading Hose Manufacturing Units.

Most of the spares used in our machines are manufactured in our factory. Apart from maintaining the quality, this ensures the availability of spares at any point of time. Right from material selection, machining, heat treatment and surface finish, utmost care is exercised at every stage to ensure that our products are in par with the best in the industry.

Innovation is a continuous process at N Power. Backed by a strong team of professionals and most modern R & D and Manufacturing facilities, N Power continues to march forward to serve the expanding markets with high quality machines and unbeatable service.

This catalogue will give an idea about our latest range of machines and specifications. We also undertake design and manufacture of special purpose crimping machines which are not mentioned in this Catalogue.

Vinod Narayanan
Managing Director

Hydraulic Hose Crimping Machine

This machine is specially designed for manufacturing and bulk production of hydraulic hoses. Easy to set up and operate, this machine can be operated even by an unskilled operator. Sensor enabled. Micrometer control system ensures crimping accuracy of 0.05 mm. Large openings enables bend fittings to be crimped easily.

TECHNICAL PARAMETERS

Capacity to Crimp 2 Wire Hose	2 Inches (50 mm)
Capacity to Crimp 4 Wire Hose	2 Inches (50 mm)
Power Required	3 Phase - 5 HP
Voltage	440 V
Opening at Front Side	182 mm
Opening at Rear Side	165 mm
Maximum Inside Opening Without Dies	142 mm
Maximum Inside Opening With Dies	Die diameter + 40 mm
Capacity of Oil Tank	50 Litres
No Of Dies	10
Sizes of Dies	15 , 19 , 23 , 26 , 30 , 34 , 38 , 45 , 52 , 62
Noise Level & It;	75 decibals
Weight of the Machine	350 Kgs
Dimensions of the Machine L x W x H	760 x 600 x 1350 mm
Dimensions of Export Packing L x W x H	850 x 700 x 1500 mm



PR 52

Hydraulic Hose Crimping Machine
Capacity 1/4" 2 inches 4 wire hose

Professional Workshop Bench Top Series Hydraulic Hose Crimping Machines



Key Features

- Compact
- Robust
- Easy to set up and use
- Low maintenance
- Wide range of dies to suit various sizes of hoses

Professional Workshop Bench Top Series Crimping Machines are best suited for Crimping Shops and Earth Movers Service Stations. The working of these machines is simplified to enable even unskilled operators to work on these machines. The special design of the master dies ensures equal crimping on all the eight segments. Superior quality of the dies ensures maximum life with no deformation on the dies even after years of use. Sensor enabled Micrometer control system ensures crimping accuracy of 0.05 mm. Customers can select from a wide range of models according to the capacity required.



TECHNICAL PARAMETERS

Model No	C 52	EX 52	H52	EX 76
Capacity to Crimp 2 Wire Hose	2 inches (50 mm)	2 Inches (50 mm)	2 Inches (50 mm)	3 Inches (50 mm)
Capacity to Crimp 4 Wire Hose	1 Inch (25 mm)	1 1/2" (38 mm)	2 Inches (50 mm)	2 Inches (50 mm)
Power Required	3 Phase - 5 HP Single Phase - 3 HP	3 Phase - 5 HP Single Phase - 3 HP	3 Phase - 5 HP Single Phase - 3 HP	3 Phase - 5 HP
Voltage	440 V / 230 V	440 V / 230 V	440 V / 230 V	440 V
Opening at Front Side	155 mm	160 mm	182 mm	182 mm
Opening at Rear Side	150 mm	150 mm	165 mm	165 mm
Maximum Inside Opening Without Dies	125 mm	140 mm	142 mm	142 mm
Maximum Inside Opening With Dies	die diameter + 34mm	die diameter + 40mm	die diameter + 40mm	die diameter + 40 mm
Capacity of Oil Tank	40 litres	40 Litres	50 Litres	50 Litres
No Of Dies	10	10	10	12
Sizes of Dies	15, 19, 23, 26, 30, 34, 38, 45, 52, 62	15, 19, 23, 26, 30, 34, 38, 45, 52, 62	15, 19, 23, 26, 30, 34, 38, 45, 52, 62	15, 19, 23, 26, 30, 34, 38, 45, 52, 62, 69, 78
Noise Level	< 75 decibals	<75 decibals	<75 decibals	<75 decibals
Weight of the Machine	250 Kgs	270 Kgs	350 Kgs	370 Kgs
Dimensions of the Machine L x W x H	666 x 525 x 800 mm	720 x 470 x 790 mm	760 x 470 x 825 mm	760 x 470 x 825 mm
Dimensions of Export Packing L x W x H	720 x 575 x 850 mm	770 x 520 x 840 mm	850 x 550 x 900 mm	850 x 550 x 900 mm



H 100
Hydraulic Hose Crimping Machine
Capacity 1/4" - 4" 4 wire hose

The most robust and easy to use machine in its range, H100 hydraulic hose crimping machine can be operated even by an unskilled operator. The dies are easy to change and designed for, maximum life and optimum and equal crimping on all eight segments. Large openings at front and rear enables bend type fittings to be inserted and crimped. Micrometer control system ensures perfect crimping with an accuracy of 0.05 mm. This model has the capacity to crimp 4 inch 4 wire hoses.

TECHNICAL PARAMETERS

Crimping Capacity of 2 wire hose	4 inches
Crimping capacity of 4 wire hose	4 inches
Opening at Front side	240 mm
Maximum inside opening without dies	185 mm
Opening at Rear end	205 mm
Maximum working pressure	315 Bar
Kilowatt of motor	7.5 HP
Voltage	415 V
Flow of pump	10 Litres
Capacity of oil tank	120 Litres
Number of dies	14
Sizes of dies	15,19,23,26,31,36, 41,47, 55 ,63,75,105,116,135
Noise level	<75db
Speed (Number of cycles per hour)	200
Weight of the machine	500 Kg
Dimensions of machine (L x B x H)	900 x 600 x 1050 mm
Dimensions of Export packing (wooden box)	1050 x 640 x 1150 mm



A50
Manual Hose Crimping Machine

Capacity 1/4" - 2" 2 wire hose
1/4" - 1" 4 wire hose

TECHNICAL PARAMETERS

Capacity to Crimp 2 Wire Hose	2 inches (50 mm)
Capacity to Crimp 4 Wire Hose	1 Inch (25 mm)
Opening at Front Side	155 mm
Opening at Rear Side	130 mm
Maximum Inside Opening Without Dies	110 mm
Maximum Inside Opening With Dies	die diameter + 30 mm
Capacity of Oil Tank	7 litres
No Of Dies	10
Weight of the Machine	180 Kgs
Dimensions of the Machine L x W x H	660 x 510 x 930 mm
Dimensions of Export Packing L x W x H	750 x 550 x 1000 mm

This hand operated model is best suited for Small Workshops, Field Service and Mobile Workshops. Micrometer control system which sounds alarm when the required crimping is achieved, ensures an accuracy of 0.05 mm. This machine has capacity to crimp up to 2 inches 2 wire hose and 1 inch 4 wire hose.



HD 76
Hydraulic Hose Crimping Machine

The latest innovation in Hose Crimping Machines, this heavy duty machine can crimp hoses from 1/4" to 3" R2 hoses and upto 2 " 4 wire hose. The specialty of the machine is that any complex shaped fitting such as long bend fitting can be crimped using this powerful machine.

Low Pressure Hose Crimping Machines



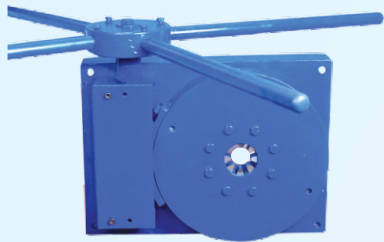
Hand operated Low Pressure Hose Crimping Machine

This hand operated machine can be used for a wide range of applications. Designed to exert uniform crimping from 8 segments, this machine can be used to manufacture fuel and air lines, welding hoses, brake hoses, low pressure hydraulic hoses, sanitary hoses etc.

TECHNICAL PARAMETERS

Hand operated- Lever type

Model	Capacity	Bore Size	Size of Machine L x B x H
LP 35	Cap size 25 mm	38 mm	300 x 200 x 90 mm



Hand Operated Medium Pressure Hose Crimping Machine - Geared

This hand operated machine can be used for a wide range of applications where medium pressure upto 50 bar is acting. Designed to exert uniform crimping from 8 segments, this machine can be used to manufacture Air Conditioner Hoses, Brake hoses, fuel and air lines, welding hoses, low pressure hydraulic hoses etc. Gear box provided ensures that maximum force is exerted on the dies with minimum effort by the operator

TECHNICAL PARAMETERS

Hand operated- geared type

Model	Capacity	Bore Size	Size of Machine L x B x H
LP50A	Cap size 40 mm	50 mm	350 x 250 x 98 mm
LP50B	Cap size 50 mm	62 mm	400 x 300 x 115 mm

Air Conditioner Hose Crimping Machines



Air Conditioner Hose Crimping Machine Hand Operated

This machine is suitable for small garages. The machine is specially designed to crimp Air Conditioner Hoses with aluminium caps having complex shapes. The force is exerted by a heavy duty Jack. This machine is supplied with 4 sets of dies. Extra dies are also available on demand.



Air Conditioner Hose Crimping Machine Hydraulic

This machine can be used for bulk production of air conditioner hoses with Aluminium caps, The rubber moulded dies are openable which enables hoses having complex shapes to be crimped. The crimping depth can be adjusted by a micrometer having an accuracy of 0.05 mm. This machine is supplied with 4 sets of dies. Extra dies are also available on demand.

Roll Marking Machines



RMP50 Pneumatic Roll Marking Machine



RMM50 Manual Roll Marking Machine



- Roll marking machine is used for marking part numbers on feruls.
- Available in Manual and Pneumatic models.
- A set of 100 punches is supplied with the machine



Hose Testing Machine HT1200

- Easy to use and Robust
- Safe : Steel compartment, Polycarbonate transparent window with steel mesh.
- Provision to test 5 hoses at a time
- Variable pressure upto 1200 Bar
- Testing medium – Compressed Air and Water



NI 50

Manual Nipple Inserting Machine

This is a high performance tool for production and Hose Crimping Workshops. This tool permit fittings upto 2 inches to be inserted easily. This tool is manually operated.



Brake Hose Manufacturing Machine

This machine can be used for bulk production of low and medium pressure hoses. Brake hoses, Teflon hoses water hoses and fuel hoses are extensively manufactured using this machine. Power required is 2 HP.



Automobile Hose Assembling Machine Hand Operated

This is a hand operated machine capable of assembling Nylon air and fuel hoses and wire Braided hoses for Automobile applications. This machine is ideal for Automobile Spare Parts dealers and hose manufacturers. The machine is supplied with holders for hoses and fittings of all sizes.

Applications of Crimping Machines



Hydraulic Hoses



Brake Hoses



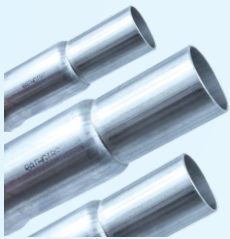
Air Conditioner Hoses



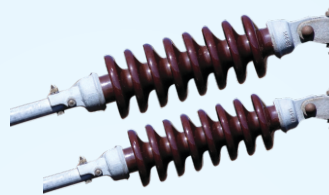
Water Hoses



Automobile Hoses



Tube end reduction
for Green houses, Scaffoldings,
Play Ground Equipment, Furniture Etc.

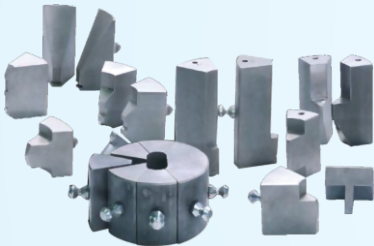


Finn Insulators



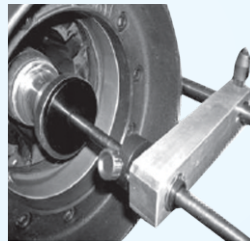
Concrete vibrator rod

Optional Accessories



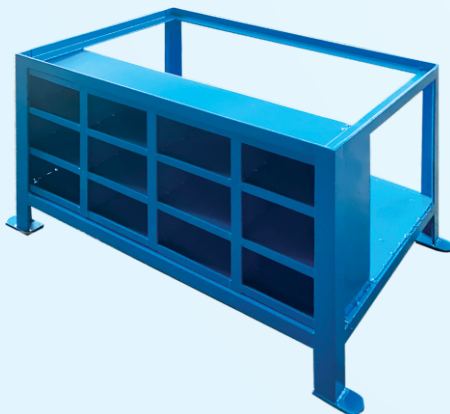
Special Purpose Crimping Dies

Various types of Crimping Dies can be designed and supplied according to the type of operation to be done on the Crimping Machine. Dies for Air Conditioner Hoses, Brake Hoses, Finn Insulators, Tube end forming, tube Locking etc are available.



Mechanical Rear Stopper

This is useful for bulk production of Hoses. Can be fitted to the rear portion of the Crimping Head.



Machine Stand with die rack

- Suitable for Bench Top Models
- Places Machine at comfortable position for operation
- Die rack with 10 slots for die and a slot for tools



Hose Decoiler

An useful attachment for Hose Cutting Machine. The hose roll can be placed on the de coiler and fed to the Hose Cutting Machine



Fittings Rack

An useful product for Crimping Shops. Different types of fittings can be stored and located easily. Standard model has 96 slots and provision for labeling each slot.

Hydraulic Hose Cutting Machines



HCM 50HL
Hydraulic Hose Cutting Machine
 (Hand Lever Operated)

This is a high performance machine for cutting hydraulic hoses having capacity to cut hoses up to 2 inches. Premium quality High Speed Steel Blade ensures smooth cutting with minimum smoke and dust. Dust collector is provided at the rear end. The cutting feed is given using hand operated lever.



HCM 50FP
Hydraulic Hose Cutting Machine
 (Foot Pedal Operated)

This is a high performance machine for cutting hydraulic hoses having capacity to cut hoses up to 2 inches. Premium quality High Speed Steel Blade ensures smooth cutting with minimum smoke and dust. Dust collector is provided at the rear end. The cutting feed is given using foot pedal.

Hand Operated Hydraulic Hose Skiving Tool



SKH 25
 Capacity 1/4" - 1"

Key Features

- Ideal for small workshops
- Can be mounted on a table
- No skill needed to operate
- Suitable for fabric braided, Wire braided and multi Spiral Hoses



SKH 50
 Capacity 1/4" - 2"

Hydraulic Hose Skiving Machines



SK 50
Hose Skiving Machine

Capacity 1/4" - 2"

N Power Hose Skiving Machine is loaded with the latest features. This machine can be used for both external skiving and internal skiving of hydraulic hoses. The skiving spindle is provided with fine adjustment mechanism which ensures perfect skiving of the hose. Dust collection tray is provided. Mandrels of all sizes from 1/4 inch to 2 inches are provided. HSS tool ensures long life and easy operation.

SK50 uses 3 phase AC current and SK50DC works on 24 V DC Current.



SK 50 DC
Hose Skiving Machine
 Capacity 1/4" - 2"

Model No	SK50	SK50 DC
Capacity	1/4" to 2 inches (6 mm to 50 mm)	1/4" to 2 inches (6 mm to 50 mm)
No of External Skiving mandrels	10	10
No of Internal Skiving mandrels (Optional)	7	7
Motor HP	1 HP	1 HP
Voltage	440 V	24 V
Weight	50 Kg	50 Kg
Machine Size	650 x 440 x 400 mm	370 x 440 x 630 mm
Size of export packing	710 x 520 x 450 mm	430 x 520 x 700 mm