



HDT SERIES

2 SPINDLES SPECIAL NUT TAPPER

HDT is a tapping through tapper. It can be produced widespread of product and suitable for the small quantity but various production requirements. Due to the speed can be adjusted by inverters. This facility causes the machine operation easier and also maximizes the capacity.

HDT is used to produce many types of special shape nuts. Tapping these special nuts must be using vibration-feeding system, which can sort and rank nuts in the chute. This is an efficiency tapper to offer user another choice except reversible tapping machine for special nuts.



Model	HDT-8	HDT-13	HDT-22	HDT-33	HDT-45
Tapping Size	M3~M5 No5~No.10	M5~M8 No.10~5/16"	M10~M14 3/8"~9/16"	M16~M22 5/8"~7/8"	M24~M30 1"~1 1/4"
Max. A/C (mm)	10	19	35	46	55
Max. Capacity (Pcs/Min)	240	200	110	60	20
Main Power(KW)	0.4	1.5	2.2	3.7	2.2(1:5S)
Max. Power Consumption(KW/h)	3.5	5.8	7.4	10.7	7.7
Pneumatic Consumption (L/Min)	63	170	332	231	282
Oil Tank(L)	104	170	280	350	500
Machine Dimension (WxLxH/m)	1.05x1.10x1.60(B) 1.15x1.10x1.60(C)	1.20x1.30x1.80(B) 1.25x1.30x1.80(C)	1.50x1.45x2.00(B) 1.55x1.45x2.00(C)	1.60x1.60x2.10(B) 1.65x1.60x2.10(C)	1.75x2.00x2.30(B) 1.80x2.00x2.30(C)
Net Weight(Kg)	680(B) 850(C)	960(B) 1080(C)	1510(B) 1700(C)	1650(B) 1900(C)	2100(B) 2500(C)



HGT SERIES

2 SPINDLES TAPPING MACHINE



- * The rotating object is not tap but nut
- * HGT have strongly holding strength and it can avoid to slip
- * Use elasticity to push tap forward
- * Appropriate to tap nut of circular type, T type and flange type
- * High production capacity, high tapping accuracy
- * Control by PLC (Programmable Language Controller)



Model	HGT-19
Tapping Size	M6~M14 1/4"~9/16"
Max. A/C (mm)	φ35
Max. Capacity (Pcs/Min)	70
Main Power(KW)	2.2
Max. Power Consumption(KW/h)	5.4
Oil Tank(L)	120
Machine Dimension (WxLxH/m)	1.90x1.70x1.85(B) 1.90x1.80x2.05(C)
Net Weight(Kg)	1100(B) 1300(C)



HK SERIES

HYDRAULIC CRIMPING MACHINE

1. BY USING RIGID C-TYPE STRUCTURE
2. TERMINAL DELAY COMPRESSION
3. ONE STROKE MONITORING, FASTER RETURN
SPEED
4. VIBRATOR EMPTY FEEDING MONITORING
5. VIBRATOR HOPPER EMPTY FEEDING SYSTEM
MONITORING
6. REJECTION OF DEFECTIVE PRODUCT
7. OVERLOAD MONITORING
8. CONTROL BY PLC PROGRAMMABLE LANGUAGE
CONTROLLER



Model	HK-3	HK-5
Operation distance	385mm	385mm
Table size	360x460x60T	410x460x60T
Motor (kw)	1.5	2.2
Stroke	φ63x150ST	φ80x200ST
Force	3Tons	5Tons
Manufature range	M5~M12	M12~M16
Speed	50Pcs/Min	40Pcs/Min
Punch hole	φ25	φ38
Total weight	1100kg	1200kg
Machine dimesion	1.50x2.20x1.90	1.50x2.20x2.00



HLT SERIES

2 SPINDLES TAPPING MACHINE

HLT maintains all functions of HNT, the tapping range is also wider than HNT. It can be produced widespread products and suitable for the small quantity but various production requirements. Due to the adjustable speed function, which makes the machine operation to be easier and also maximizes the capacity.

HLT is suitable for tapping hexagon, square, flange and nylon nut. HLT has long tapping stroke design that can match the different length of tap while tapping the different kind of nut dimension or hardness.



Model	HLT-13	HLT-22	HLT-33	HLT-45	HLT-60	HLT-70	HLT-80
Tapping Size	M5~M10 No.10~3/8"	M10~M16 3/8"~5/8"	M16~M24 5/8"~1"	M24~M30 1"~1 1/4"	M30~M39 1 1/4"~1 1/2"	M36~M45 1 3/8"~1 3/4"	M42~M52 1 3/4"~2"
Max. A/C (mm)	23	35	46	55	69	81	98
Max. Capacity (Pcs/Min)	180	100	50	20	15	10	4
Main Power(KW)	1.5	2.2	5.5	2.2(1:5S)	3.7 (1:5S)	3.7 (1:5S)	5.5 (1:15S)
Max. Power Consumption(KW/h)	3.7	6.3	9.3	7.1	10.8	10.8	14.4
Pneumatic Consumption (L/Min)	128	252	247	282	217	145	120
Oil Tank(L)	170	300	400	550	600	650	800
Machine Dimension (WxLxH/m)	1.10x1.30x1.70(B) 1.60x1.40x1.70(C)	1.40x1.70x1.90(B) 2.00x2.40x1.90(C)	1.50x1.90x2.10(B) 2.10x2.60x2.10(C)	1.80x2.00x2.30(B) 2.30x2.80x2.30(C)	2.00x2.10x2.50(B) 2.40x2.80x2.50(C)	2.00x2.10x2.50(B) 2.60x2.80x2.50(C)	2.60x3.00x2.70(B) 2.70x3.10x2.70(C)
Net Weight(Kg)	985(B) 1280(C)	1500(B) 1960(C)	2000(B) 2710(C)	2800(B) 3450(C)	4000(B) 4500(C)	4300(B) 4700(C)	5200(B) 5400(C)



HNP SERIES

ASSEMBLY MACHINE

The machine of HNP is used in many difference production purpose and function. By the R&D department designs the tooling, every parts can be assembly in the HNP. This is different from traditional assembly machine, which only can assemble nylon rings and nylon nuts. HNP adopt PLC to monitor the action during machine is running. By the inverter and sensor, the punch speed and empty feeding can be adjusted and detected. Machine will stop immediately if any fault movement is occurred. Through the mechanism design, controlling punch depth is simple, replacing tooling and obviating NG parts are easy and save time. Non-stop facility is improving the machine produce efficiency and increase the capacity which is optimal design for HNP.



Model	HNP-8	HNP-13	HNP-19	HNP-27	HNP-36	HNP-45
Nut SIZE	M3~M5 No.5~No.10	M5~M8 No.10~5/16"	M8~M12 5/16"~1/2"	M14~M18 9/16"~3/4"	M18~M24 3/4"~1"	M24~M30 1~1"-1/4"
Capacity(Tons)	3	8	10	15	20	25
Max. Output (Pcs/Min)	285	255	180	135	105	75
Main Power(KW)	0.75	1.5	2.2	2.2 (1:5S)	3.7(1:5S)	5.5(1:3S)
Max. Power Consumption(KW/b)	3.85	4.6	5.3	6.8	8.6	10.5
Machine Dimension (WxLxH/m)	1.10x1.65x1.35	1.50x1.80x1.65	1.53x2.11x1.75	2.10x2.50x1.90	2.20x2.70x2.10	2.60x3.50x2.20
Net Weight(Kg)	900	1070	1300	2200	3100	4800



HNS SERIES

4 SPINDLES TAPPING MACHINE

HNS is suitable for Hexagon, square, flange and nylon nut. HNS can reach longer tapping stroke requirement while tapping longer or harder nuts. The operation panel is easy to understand and each spindle can be operated independent. Right or left tapping can be selected, tap life setting and adjust the tapping distance all can set up on the operation panel.

HNS is supplying by vibration feeder. The form of nuts can not feed by hopper. It can overcome with vibration feeder. Therefore HNS series can tapping multiplex nuts.

Programmable Language Controller (PLC) is used in the machine to monitor and control all tapping actions which can carry some functions including each spindle output counter is independent, operating automatically or manually, adjustable tapping speed, tapping error alarm of each spindle and motor overload alarm. Examination by current meter can detect tapping abnormal, jammed nuts during feeding or empty tapping, which can avoid tools get damage. The replacement of tools is simple and saving time. Magnetic chip filter maintain tapping oil is clean away the chips. HNS is designed for safety consideration and qualified by CE.



Model	HNS-11	HNS-14	HNS-19	HNS-24	HNS-32
Tapping Size	M4~M6 No.8~1/4"	M5~M8 No.10~5/16"	M8~M12 5/16"~1/2"	M12~M16 1/2"~5/8"	M16~M22 5/8"~7/8"
Max. A/C (mm)	14	19	26	35	46
Max. Capacity (Pcs/Min)	470	360	240	140	100
Main Power(KW)	0.75	1.5	2.2	2.2	3.7
Max. Power Consumption(KW/h)	3.7	7	10	11.1	17.4
Pneumatic Consumption (L/Min)	151	255	204	339	346
Oil Tank(L)	230	300	380	480	650
Machine Dimension (WxLxH/m)	1.68x1.30x1.80(B) 1.68x1.30x1.80(C)	1.84x1.47x1.85(B) 1.84x1.47x1.85(C)	1.91x1.60x2.08(B) 1.91x1.60x2.08(C)	2.28x1.95x2.15(B) 2.28x2.60x2.15(C)	2.55x2.06x2.22(B) 2.55x2.71x2.22(C)
Net Weight(Kg)	1100(B) 1300(C)	1560(B) 1760(C)	1800(B) 2000(C)	2850(B) 3350(C)	3700(B) 4000(C)



HNT SERIES

4 SPINDLES TAPPING MACHINE

HNT is suitable for Hexagon, square, flange and nylon nut. HNT can reach longer tapping stroke requirement while tapping longer or harder nuts. The operation panel is easy to understand and each spindle can be operated independent. Right or left tapping can be selected, tap life setting and adjust the tapping distance all can set up on the operation panel. Programmable Language Controller (PLC) is used in the machine to monitor and control all tapping actions which can carry some functions including each spindle output counter is independent, operating automatically or manually, adjustable tapping speed, tapping error alarm of each spindle and motor overload alarm.

Examination by current meter can detect tapping abnormal, jammed nuts during feeding or empty tapping, which can avoid tools get damage. The replacement of tools is simple and saving time. Magnetic chip filter maintain tapping oil is clean away the chips. HNT is designed for safety consideration and qualified by CE.



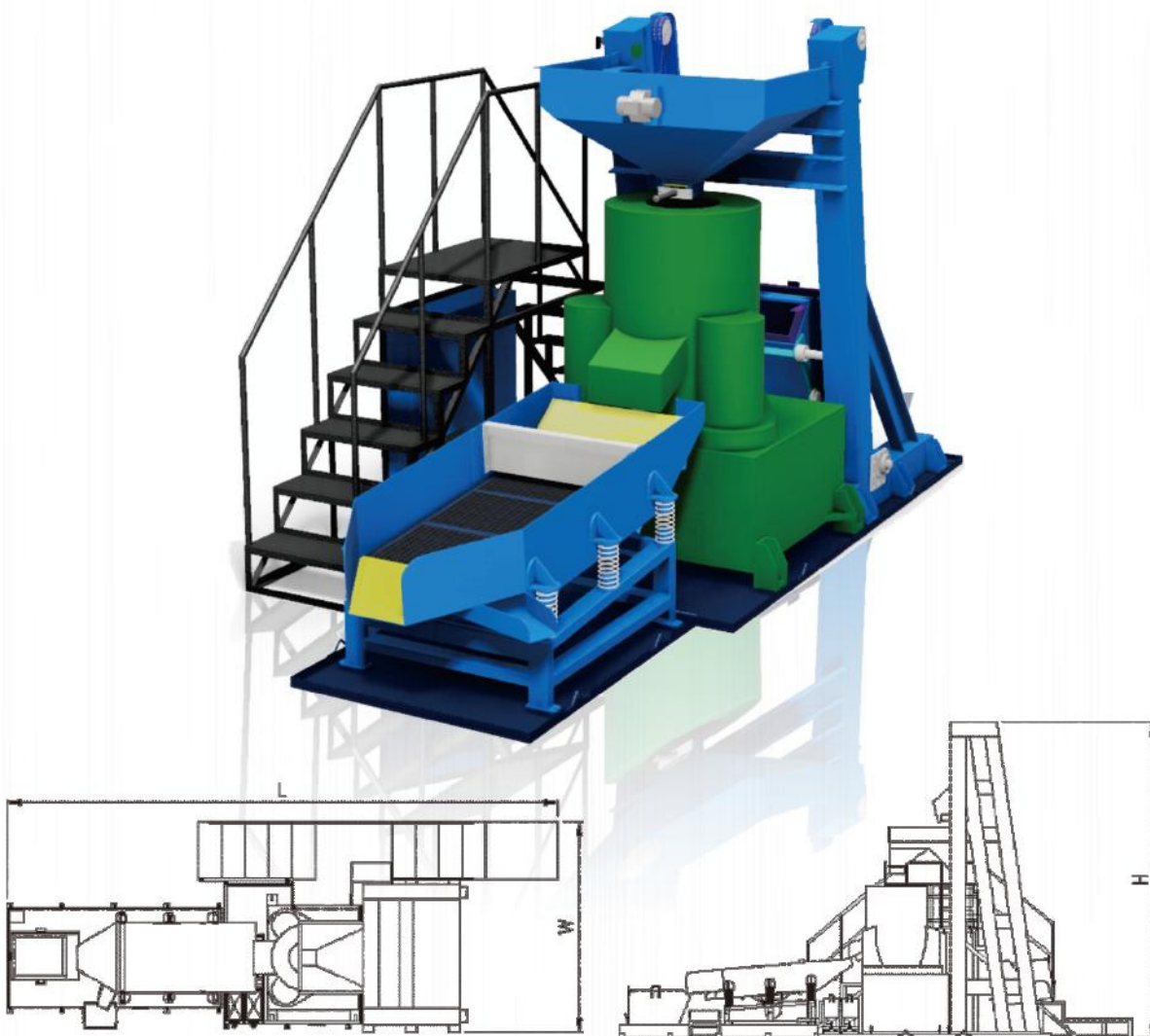
Model	HNT-11	HNT-14	HNT-19	HNT-24	HNT-32	HNT-38	HNT-45
Tapping Size	M4~M6 No.8~1/4"	M5~M8 No.10~5/16"	M8~M12 5/16"~1/2"	M12~M16 1/2"~5/8"	M16~M22 5/8"~7/8"	M20~M24 3/4"~1"	M24~M30 1"~1 1/4"
Max. A/C (mm)	14	19	26	35	46	50	55
Max. Capacity (Pcs/Min)	470	360	240	140	100	60	50
Main Power(KW)	0.75	1.5	2.2	2.2	3.7	5.5	2.2(1:5S)
Max. Power Consumption(KW/h)	3.7	7	10	11.1	17.4	25.4	12.2
Pneumatic Consumption (L/Min)	151	255	204	339	346	624	542
Oil Tank(L)	230	300	320	420	580	630	760
Machine Dimension (WxLxH/m)	1.40x1.20x1.80 (B) 1.90x1.20x1.80 (C)	1.50x1.30x1.80 (B) 2.00x1.40x1.80 (C)	1.70x1.40x2.10 (B) 2.10x1.50x2.10 (C)	1.90x1.70x2.30 (B) 2.20x2.30x2.30 (C)	2.00x1.90x2.40 (B) 2.80x2.50x2.40 (C)	2.50x2.10x2.60 (B) 3.00x2.70x2.60 (C)	2.50x2.20x2.70 (B) 3.20x2.70x2.70 (C)
Net Weight(Kg)	970 (B) 1135 (C)	1200 (B) 1400 (C)	1450 (B) 1650 (C)	2480 (B) 3000 (C)	3340 (B) 3600 (C)	4650 (B) 5100 (C)	5200 (B) 5800 (C)



HOD SERIES

Oil Separation System

The oil separation system is suitable for bolts, nuts and any kind of hardware products. The high rotational speed ensures that oil is separated in each operation. This system is including three components which are lift, oil separator and chips removing vibrator.



MODEL	400KG
L	5875
W	2501
HM	2875
MAX. POWER CONSUMPTION (kw/h)	9.9KW



HOP SERIES

HYDRAULIC CRIMPING MACHINE

- * HOP use to make nuts ovalisation by pressure to across flats.
- * The pressing power is controlled by hydraulic system, and can be displayed on the digital panel.
- * Featured with Defective Rejection, No Feeding Detection, QC Time Setting, and Capacity Display



Model	HOP-2	HOP-3
Across Flats Size(mm) A/F(mm)	5~13	13~22
Max. Capacity (Pcs/Min)	50	40
Main Power(KW)	2.2	2.2
Max. Power Consumption(KW/h)	4.96	4.96
Pneumatic Consumption (L/Min)	105	80
Oil Tank(L)	150	190
Machine Dimension (W×L×H/m)	1.26×1.60×1.90	1.44×1.61×1.92
Net Weight(Kg)	1500	1680



HRS SERIES

1 SPINDLE REVERSIBLE TAPPING MACHINE

HRS is raised the grade of equipments from traditional motors and general operation to be servo motors and Human Machine Interface. This design carries more functions and is advantageous to managers and operators. For manufacture, HRS is not only used for through and blind-hole nuts, also available for special shape or abnormal shape nuts. Moreover, it keeps nuts and tapping spindle absolute aim at the center while the machine tapping. Base on the stronger mechanical design and machine body precise forming, HRS machine life is extended and longer than the traditional vertical tapping machine. Even, running in the highest tapping speed condition, it still keeps the accurate at tapping depth and won't damage to the blind nuts or taps. HRS also take the pitch lead to keep the thread in high quality and match gauge inspection. The machine possesses CE qualification and designed for safety consideration.



Model	HRS-13	HRS-22	HRS-33
Tapping Size	M4~M8 No.8~5/16"	M8~M14 5/16"~9/16"	M16~M22 5/8"~7/8"
Max. Stroke	45	60	100
Max. A/C (mm)	φ18	φ24	φ36
Max. Capacity (Pcs/Min)	35 (C) 45 (D)	25 (C) 35 (D)	15 (C) 25 (D)
Main Power(KW)	0.75 (C) 1.5 (D)	1.5 (C) 3.0 (D)	3.7 (C) 5.5 (D)
Max. Power Consumption(KW/h)	2.5 (C) 3.2 (D)	4.2 (C) 5.7 (D)	6.4 (C) 8.2 (D)
Oil Tank(L)	85	105	130
Machine Dimension (WxLxH/m)	1.05x1.50x1.93	1.55x1.90x2.15	2.30x2.15x2.43
Net Weight(Kg)	1000	1530	2400



HRT SERIES

2 SPINDLES REVERSIBLE TAPPING MACHINE

HRT is raised the grade of equipments from traditional motors and general operation to be servo motors and Human Machine Interface. This design carries more functions and is advantageous to managers and operators. For manufacture, HRT is not only used for through and blind-hole nuts, also available for special shape or abnormal shape nuts. Moreover, it keeps nuts and tapping spindle absolute aim at the center while the machine tapping. Base on the stronger mechanical design and machine body precise forming, HRT machine life is extended and longer than the traditional vertical tapping machine. Even, running in the highest tapping speed condition, it still keeps the accurate at tapping depth and won't damage to the blind nuts or taps. HRT also take the pitch lead to keep the thread in high quality and match gauge inspection. The machine possesses CE qualification and designed for safety consideration.



Model	HRT-8	HRT-13	HRT-22	HRT-33
Tapping Size	M1~M3 No.1~No.5	M4~M8 No.8~5/16"	M8~M14 5/16"~9/16"	M16~M22 5/8"~7/8"
Max. Stroke	40	45	60	100
Max. A/C (mm)	φ8	φ18	φ24	φ36
Max. Capacity (Pcs/Min)	80 (C) 80 (D)	70 (C) 90 (D)	50 (C) 70 (D)	30 (C) 50 (D)
Main Power(KW)	0.375 (C) 0.75 (D)	0.75 (C) 1.5 (D)	1.5 (C) 3.0 (D)	3.7 (C) 5.5 (D)
Max. Power Consumption(KW/h)	3.5 (C) 4.3 (D)	4.3 (C) 5.8 (D)	7.5 (C) 10.5 (D)	11.9 (C) 15.5 (D)
Oil Tank(L)	80	120	150	180
Machine Dimension	1.51x1.35x1.90	1.85x1.50x1.93	2.25x1.90x2.15	3.00x2.15x2.43
Net Weight(Kg)	850	1470	1980	2760