

NUCMO

Invented for Motion

INDUSTRIAL TOOLS



INTELLIGENT TORQUE CONTROL ELECTRIC SCREWDRIVERS

- Precise Tightening
- Auto Setting
- Process Monitoring
- Error Alarm
- Data Traceability



IFACTORY ASSEMBLY LINE ISCREWDRIVING SYSTEM

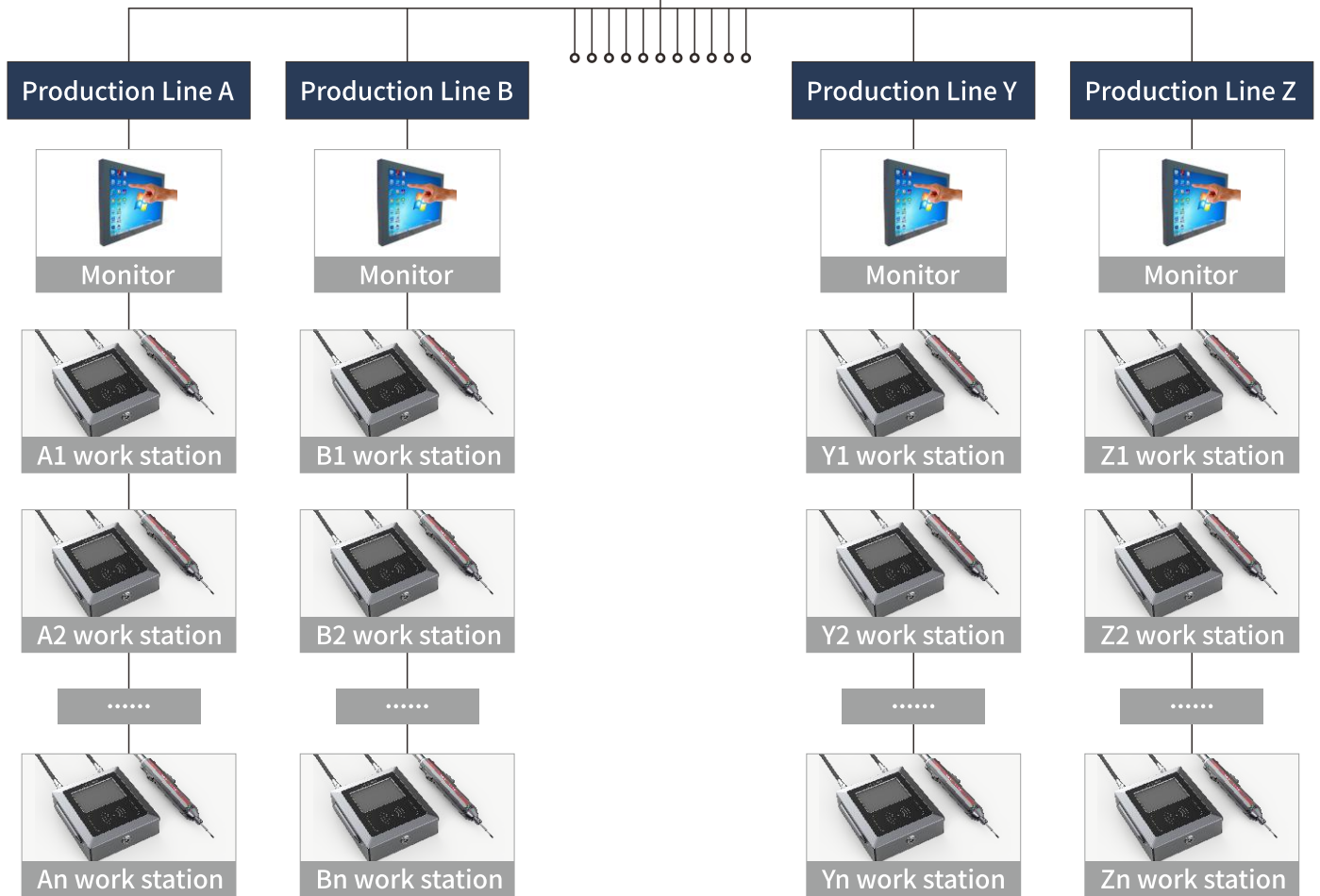
CENTRAL DISPLAYER



Central Server



Network



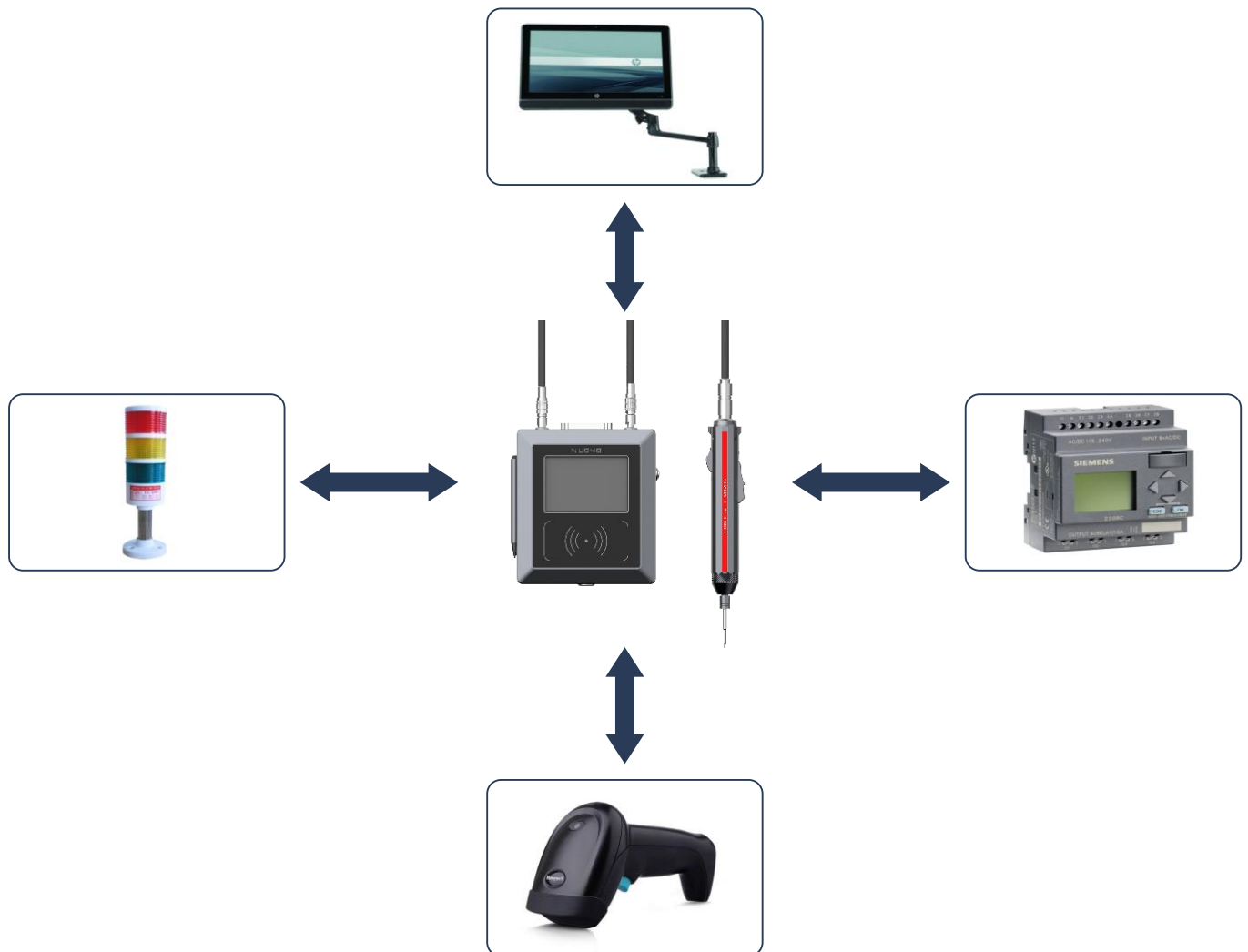
I-screwdriving system—Industry 4.0 factory assembly system:

- Feature:**
- Current Torque Control, Accuracy 5%
 - Monitor Screw Slipping, Floating and Missing
 - Max. 100 Screwdrivers Connecting
 - Configurable Speed
 - Multi-task Setting
 - With DI/DO Connector
 - Angle/Torque Control Mode
 - Real Time Data Collecting
 - Barcode Scanning

IFACTORY--- INTELLIGENT TIGHTENING CONTROL SYSTEM

SMART TOOL — Comprehensive integration of powerful functions

- Configurable speed and torque with 5% accuracy
- Speed mode / Angle mode / Auto mode
- Multi-steps tightening with process monitoring and error buzzer
- Self-learning & parameter generating to minimize setup time
- Optional reverse rotation at tightening complete
- Multi-task setting for seamless workflow switch
- Memory card integrated



INTELLIGENT TIGHTENING CONTROL SYSTEM

IFACTORY — Ready for industry 4.0

- I/O port for real time control and data record
- Tightening process graphic data and analysis
- Barcode scanner port included, capable of part code scanning and identification
- Real time parameter remote setup and display to realize advanced control with unrivalled ergonomics
- One controller connected to multiple screwdrivers with different setting

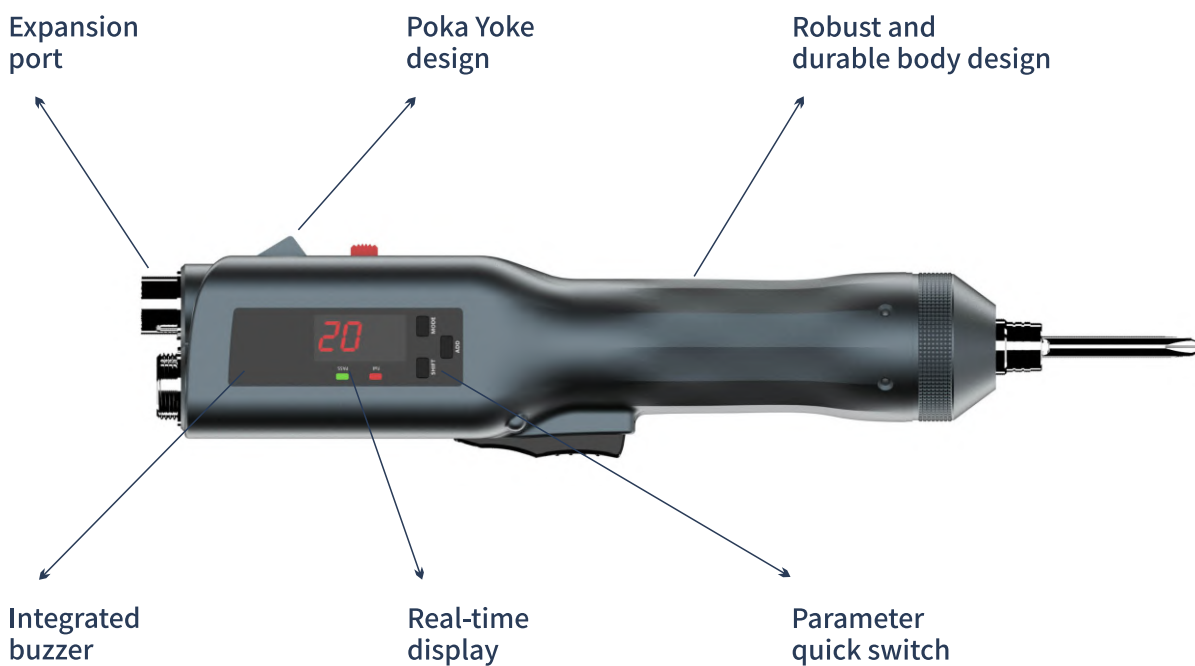


Type	Torque Range		Speed Range	Input voltage	Controller	Operation
	Ncm	in/lb	rpm			
N-NM008-H	1.5~6.5	0.13~0.57	30~1300	24v~30v	N-NC008-G	Manual
N-NM008-F	1.5~6.5	0.13~0.57	30~1300	24v~30v	N-NC008-G	For Machine
N-NM030-H	4~22	0.36~1.95	30~1000	24v~30v	N-NC030-G	Manual
N-NM030-F	4~22	0.36~1.95	30~1000	24v~30v	N-NC030-G	For Machine
N-NM040-H	8~40	0.69~3.6	30~1000	35v~42v	N-NC040-G	Manual
N-NM040-F	8~40	0.69~3.6	30~1000	35v~42v	N-NC040-G	For Machine
N-NM080-H	15~75	1.3~6.6	30~1000	35v~42v	N-NC080-G	Manual
N-NM080-F	15~75	1.3~6.6	30~1000	35v~42v	N-NC080-G	For Machine
N-NM200-H	40~160	3.6~14.2	30~700	35v~42v	N-NC200-G	Manual
N-NM200-F	40~160	3.6~14.2	30~700	35v~42v	N-NC200-G	For Machine
N-NM300-H	75~300	6.6~26.6	30~700	35v~42v	N-NC300-G	Manual
N-NM300-F	75~300	6.6~26.6	30~700	35v~42v	N-NC300-G	For Machine
N-NM500-H	100~500	8.9~44.4	30~460	35v~42v	N-NC500-G	Manual
N-NM500-F	100~500	8.9~44.4	30~460	35v~42v	N-NC500-G	For Machine

INTELLIGENT COUNTING SCREWDRIVER

FEATURES

- Torque accuracy within 5%, robust structure increases system performance, consistency and durability;
- Capable of monitoring finished and remaining fasteners;
- Multi-task planning: 4 pre-set parameters & manual/auto mode switch available;
- Real-time process monitoring and error buzzer;
- I/O ports or data transmission and process control;
- Continuous speed setting.

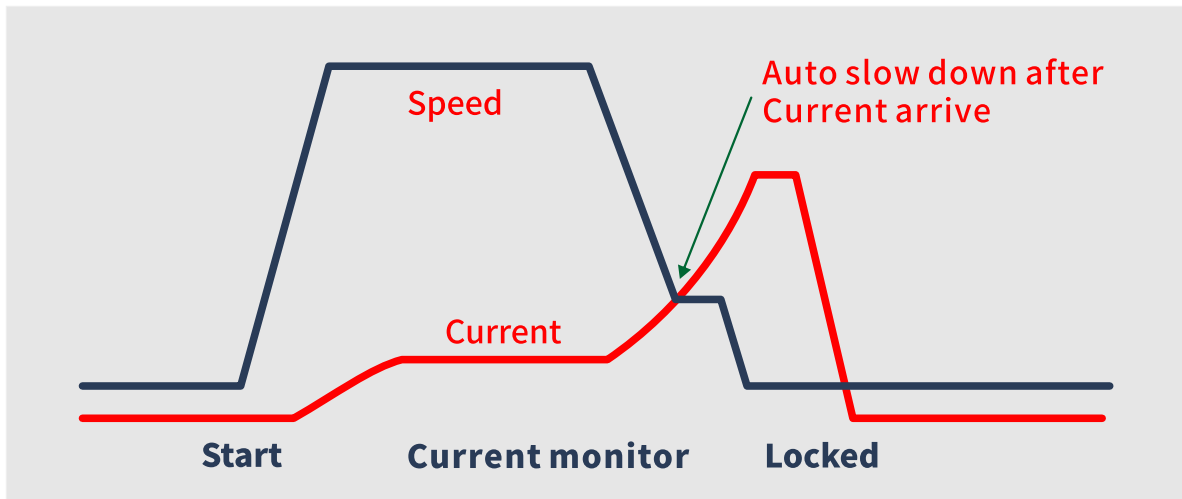


Type	Torque Range		Speed Range	Input voltage	Controller	Material
	Ncm	in/lb	rpm			
S-NMC010-H	2~12	0.17~1.04	30~2000	35v~42v	Manual	PC+TPU
S-NMC040-H	8~40	0.69~3.6	30~2000	35v~42v	Manual	PC+TPU
S-NMC080-H	15~75	1.3~6.6	30~1000	35v~42v	Manual	PC+TPU
S-NMC200-H	40~160	3.6~14.2	30~700	35v~42v	Manual	PC+TPU
S-NMC300-H	75~300	6.6~26.6	30~700	35v~42v	Manual	Metal
S-NMC500-H	100~500	8.9~44.4	30~460	35v~42v	Manual	Metal

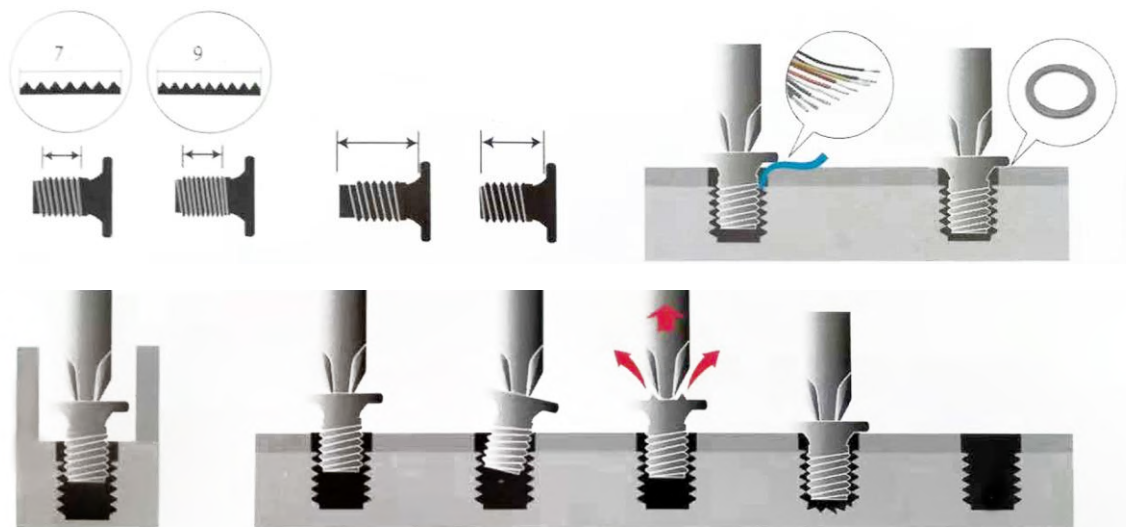
INTELLIGENT SCREWDRIVER CONTROL CHARACTERISTIC

CHARACTERISTIC DRAWING

Torque monitor, detect the screwing starting automatic, to promote the control accuracy



ERROR PROOFING



MONITORING, AND REPORTING

1. Monitoring

Real time display of tightening status, working hours, output quantity, and cycle time.

2. Reporting

All tightening data including torque, angle, status can be saved and exported, which offers traceability.

AUTOMATIC SCREWS FEEDER



Type	GE-1050E	Power Supply	AC220V 50HZ
Operation	Manual	Power	9W
Screw Type	M1.0~M5.0 length≤18mm	Dimension	L181*W126*H150
Weight	2.3kg	Temperature	-10°C~40°C



Type	GE-1050H	Power Supply	12V 2A
Operation	Manual&For machine	Power	25W
Screw Type	M1.0~M5.0 length≤20mm	Dimension	L205*W128*H145
Weight	2.8kg	Temperature	-10°C~40°C



Type	GE-1090A	Dimension	L348*W264*H346
Screw Type	M1.7~M6.0 length≤40mm	Feeding Way	Air-blowing or Air-aspiration
Communication Mode	I/O Connector	Air pressure	0.5~0.8Mpa
Power Supply	AC220V 50HZ	Feeder Distance	2~15M (depend on screw)
Power	50W	Stock Capacity	5L
Power	24kg	Contorller	V1703



Type	GE-1090SC	Dimension	L370*W220*H280
Stock Capacity	3000Pcs (M3*10)	Power Supply	AC220V 50HZ
Screw Type	M1.0~M4.0	Air pressure	0.4~0.5Mpa
Weight	11kg	Feeding Speed	50~80Pcs/min

BALANCE TOOL HANDING



NUCMO

Invented for Motion

Consumer Electronics

Household Appliances

LCD

APPLICATION
FIELDS

Automotive

OA Appliances

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