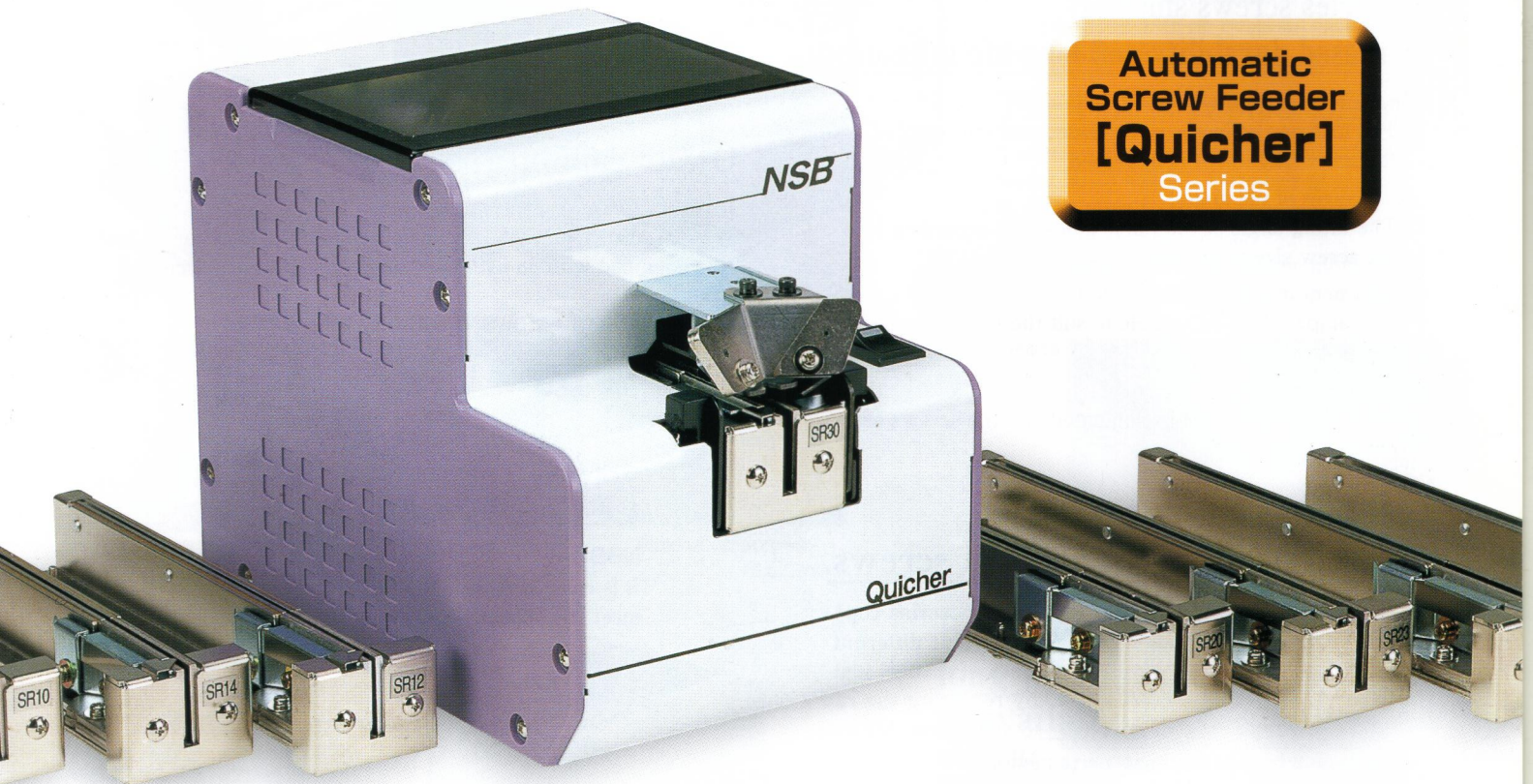


Quicher

Precision Screw Feeder

Automatic
Screw Feeder
[Quicher]
Series



**Quicher alone can cope with various types of screws.
Automatic screw feeder with
the world's first replaceable rail.**



NSB

NSR

NS-series



NJ

NJR

NJ-series



Floor type

Tower type

Nejikura-series

With Quicher, it is easy to rearrange the production line to meet the change of screw diameter and form. It also helps you to improve the quality control and productivity.

Quicher

Precision Screw Feeder

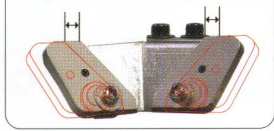
NS-series

Introducing new bit guide

This new bit guide leads the screwdriver bit to the center of the screw head. It will improve productivity.

With a sliding adjuster, the bit size can be changed.

The adjustment fitted to the bit size is possible.



It carries screws smoothly.

Increased durability and long life is assured.

〈Modification on screw feeding section〉

The load on the motor is decreased and efficiency of the screw alignment is increased.

〈Adjustment of rail angle〉

The tilting angle of the rail is adjustable according to the screw size to be used.

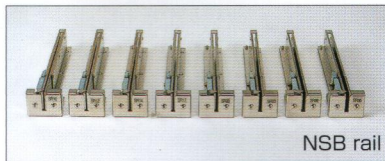
〈Adjustment of amplitude〉

The amplitude is adjustable to suit the screw size to be used.

〈Without rolling〉

The rolling of the rail is eliminated and the screws are carried smoothly.

One Quicher can cope with eight different sizes of screws.



Optional parts

The NS series cope with eight different sizes of screws just by replacing the rail (8 sizes from M1.0 to M3.0)

NSB TYPE

Quicher NSB

- Applicable screw size: from M1.0 to M3.0
- Applicable screw length (under head): up to 20mm
- Standard screwdriver bit can be used
- Scooping chamber capacity: 80cc
- With protection and recovery circuit
- Supplied with a bit guide

※ The standard screwdriver bits and suction types can be used.
 ※ It copes with special screws (SW, PW and short neck length).



Other capabilities

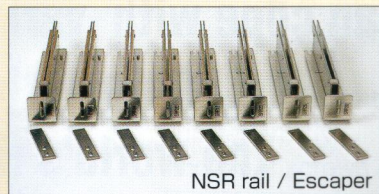
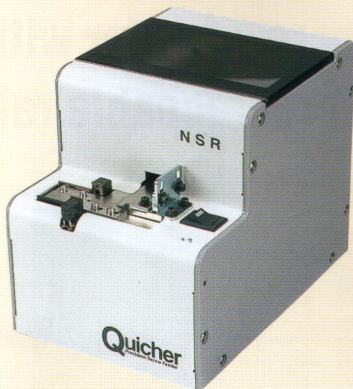
It is compact and space saving.

With installation of Nejikura, the large stock of screws can be loaded. It is equipped with an overload backstop protection circuit.

Example of screws which can be supplied



NSR TYPE Automatic Version



Optional parts

Quicher NSR

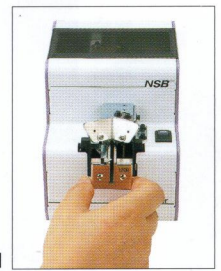
- Applicable screw size: from M1.0 to M3.0
- Applicable screw length (under head) : up to 20mm
- Scooping chamber capacity: 80cc
- With protection and recovery circuit

※ It copes with special screws (SW, PW and short neck length etc)

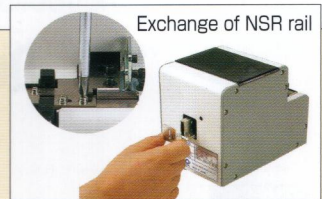
NSR (Automatic version)

To meet the change of the screws, just replace the rail and the escaper. The sticking grease on the rail can be wiped off by pulling it out from the rear side of Quicher. A screw existence signal is attached to the screw pick out section.

Exchange of NSB rail



Exchange of NSR rail



Example of NSR and Robot



NS series

| Model Name & Number | NSB | NSR |
|--------------------------------------|--|--|
| Size (mm) | 123(W)×181(D)×145(H) | 123(W)×181(D)×145(H) |
| Weight (including rail) | Approx. 2.92 Kg | Approx. 3.01 Kg |
| Power Source | AC 100V, DC 12V 500mA , AC adapter | |
| Protection & Recovery Circuit | Motor overload stop. Protection circuit for reverse power connection | |
| Applicable Screw | From M1.0 to M3.0 (to the table for applicable rails) | |
| Applicable Screw Length (under head) | Up to 20mm | |
| Scooping Chamber Capacity | 80 cc | |
| Accessories (in package) | Instruction Manual Allen Wrench (L shaped, 2mm) AC adapter Passage Window (each of two types) 0.35mm Gauge Plate (to adjust holding plate) | Instruction Manual Allen Wrench (L shaped, 2mm) AC adapter Passage Window (each of two types) |

NSB series

| Screw Nominal Size | M1.0 | M1.2 | M1.4 | M1.7 | M2.0 | M2.3 | M2.6 | M3.0 |
|--------------------|------|------|------|------|------|------|------|------|
| Applicable Rail | SR10 | SR12 | SR14 | SR17 | SR20 | SR23 | SR26 | SR30 |

NSR series

| Screw Nominal Size | M1.0 | M1.2 | M1.4 | M1.7 | M2.0 | M2.3 | M2.6 | M3.0 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Applicable Rail | SRR10 | SRR12 | SRR14 | SRR17 | SRR20 | SRR23 | SRR26 | SRR30 |

When you place an order, please specify the type number of the applicable rail. One Escaper comes with the rail. NS series can cope with the screw size from M1.0 to M3.0

Quicher

Precision Screw Feeder

NJ-series

NJ TYPE

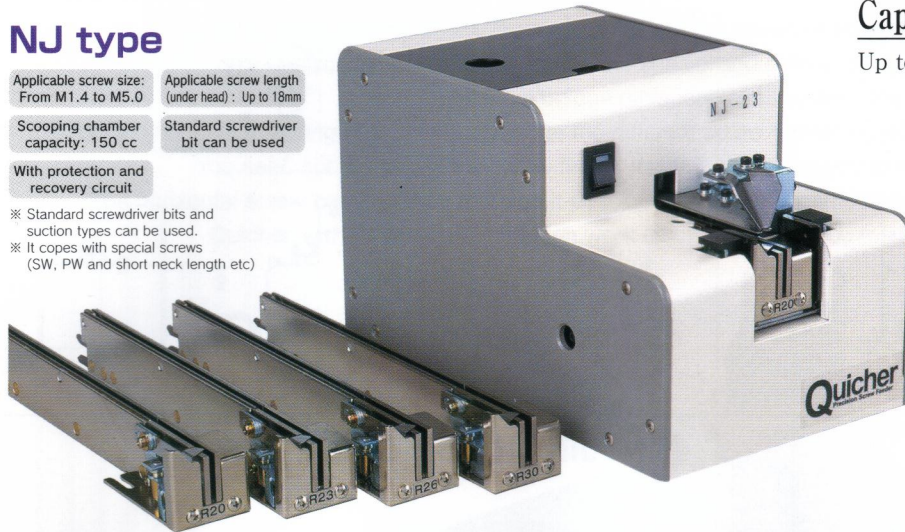
NJ type

Applicable screw size: From M1.4 to M5.0
Applicable screw length (under head) : Up to 18mm

Scooping chamber capacity: 150 cc
Standard screwdriver bit can be used

With protection and recovery circuit

- ※ Standard screwdriver bits and suction types can be used.
- ※ It copes with special screws (SW, PW and short neck length etc)



The standard screwdriver bits on the market can be used.

- The suction type screwdriver.
- The bit type screwdriver.

Capable of loading large stock of screws

Up to 150cc screws can be loaded.

Copes with special screws

The screw assembled with washer or SW can also be coped.

It handles the screw sizes of up to M5.0. It is equipped with an overload reverse protection circuit.

The rail is replaceable.

It copes with the various sizes of screws. Model NJ-23 handles four sizes of screws.

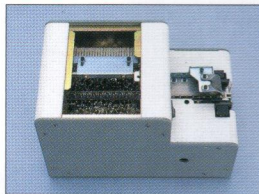
※ Refer table 1

〈Angle adjustment of rail〉

The angle of inclination degree adjustment of the rail is possible by the kind of screws.



Loading screws

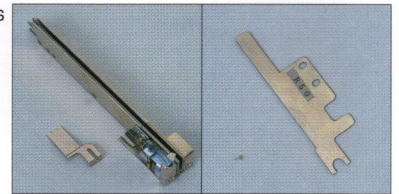


Aligning screws



Picking up screws

Optional Parts



Additional rail

Holding plate

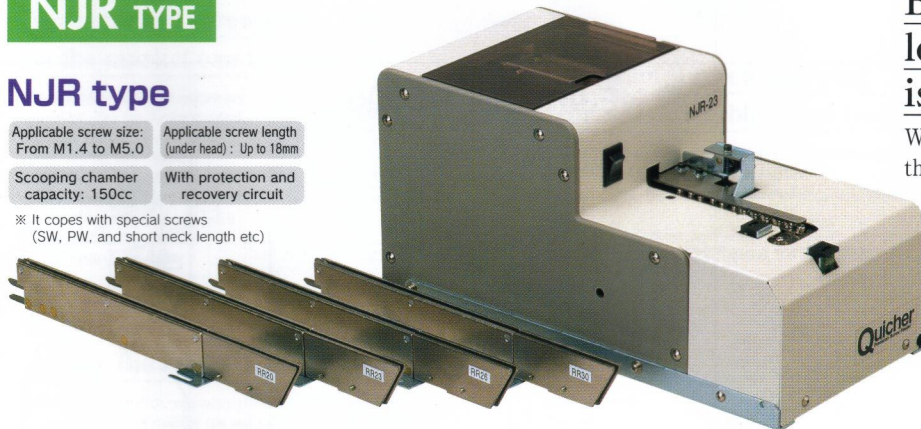
NJR TYPE

NJR type

Applicable screw size: From M1.4 to M5.0
Applicable screw length (under head) : Up to 18mm

Scooping chamber capacity: 150cc
With protection and recovery circuit

※ It copes with special screws (SW, PW, and short neck length etc)



By connecting with Nejkura, long period of time operation is available.

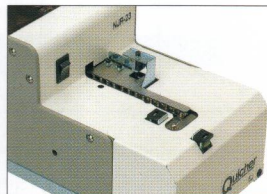
With a hopper installed, unmanned operation for the long period is available.

Smooth screw feeding

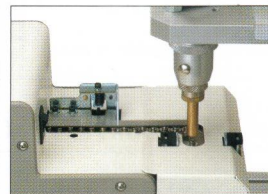
The screws can be supplied without failing to keep up the robot's operation. It is equipped with an overload reverse protection circuit. A screw existence signal is attached to the screw pick out section.



NJR installed with Robot

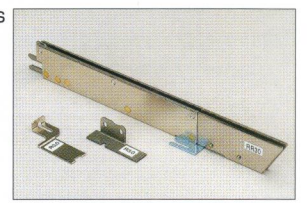


Setting screws



Picking up Screws

Optional Parts



Passing plate/ Escaper/ Rail

NJ series

| Model Name & Number | N J | NJR |
|--------------------------------------|---|--|
| Size (mm) | 130 (W) × 215 (D) × 136 (H) | 130 (W) × 275 (D) × 136 (H) |
| Weight (including rail) | Approx. 3.2 Kg | Approx. 4.2 Kg |
| Power Source | AC 100V, DC 12V 500mA, AC adapter | |
| Protection & Recovery Circuit | Motor overload stop. Protection circuit for reverse power connection | |
| Applicable Screw | NJ and NJR series (to the table for applicable screws & rail for NJ series) | |
| Applicable Screw Length (under head) | Up to 18mm | |
| Scooping Chamber Capacity | Approx. 150 cc | |
| Accessories (in package) | Instruction Manual Allen Wrench (L shaped, 2mm) AC adapter | Instruction manual Allen Wrench (L shaped, 2mm) AC adapter |

| Type | Screw Nominal Size | Applicable Rail |
|-------|--------------------|-----------------|
| NJ-12 | 1.4mm | R-14 |
| | 1.7mm | R-17 |
| NJ-23 | 2.0mm | R-20 |
| | 2.3mm | R-23 |
| | 2.6mm | R-26 |
| | 3.0mm | R-30 |
| NJ-45 | 3.5mm | R-35 |
| | 4.0mm | R-40 |
| | 5.0mm | R-50 |

When you place an order, please specify the type number of the applicable rail.

| Type | Screw Nominal Size | Applicable Rail |
|--------|--------------------|-----------------|
| NJR-12 | 1.4mm | RR-14 |
| | 1.7mm | RR-17 |
| NJR-23 | 2.0mm | RR-20 |
| | 2.3mm | RR-23 |
| | 2.6mm | RR-26 |
| | 3.0mm | RR-30 |
| NJR-45 | 3.5mm | RR-35 |
| | 4.0mm | RR-40 |
| | 5.0mm | RR-50 |

One Escaper comes with the rail.