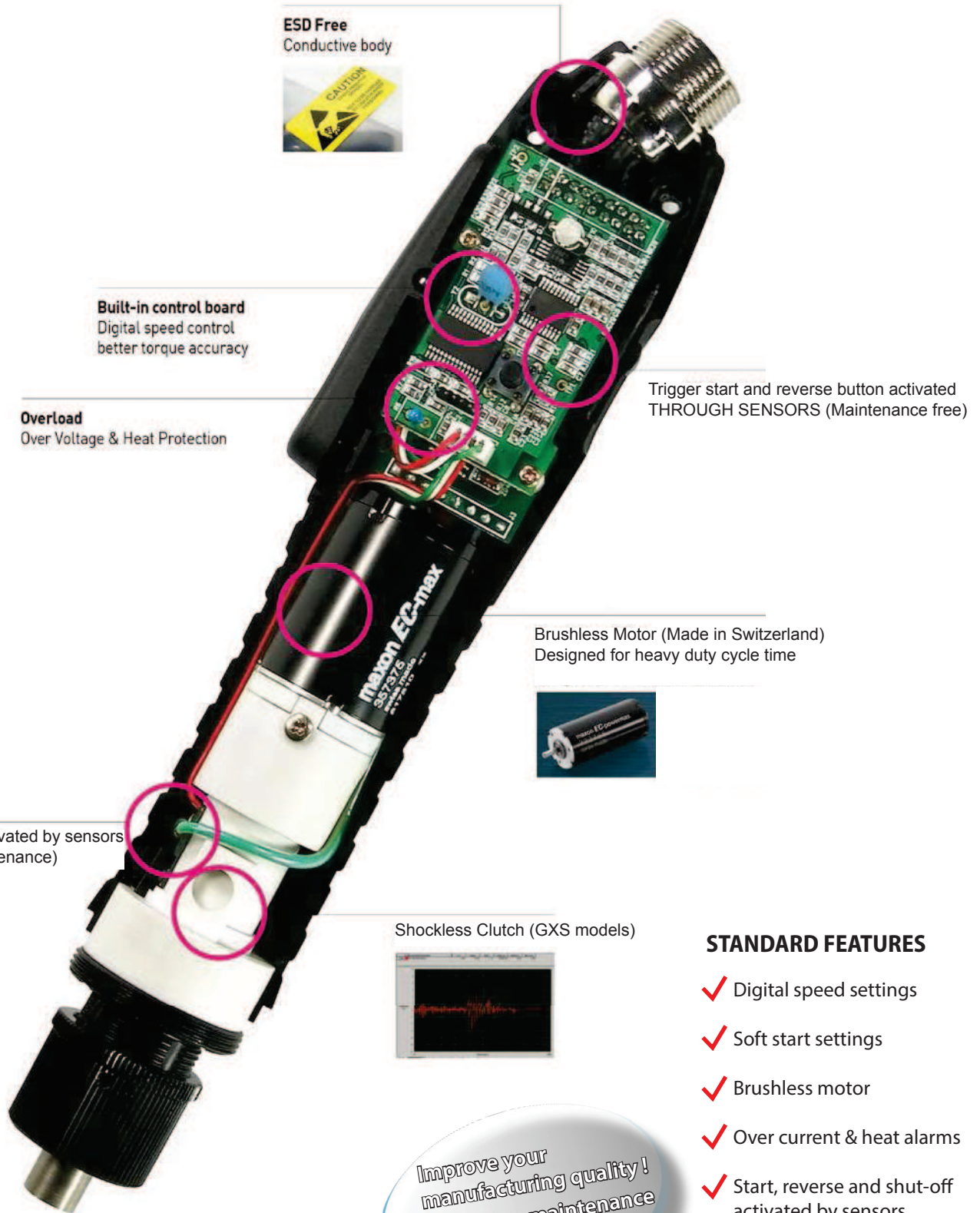


# GX Series

## Brushless



ESD Free  
Conductive body

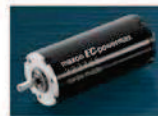


**Built-in control board**  
Digital speed control  
better torque accuracy

**Overload**  
Over Voltage & Heat Protection

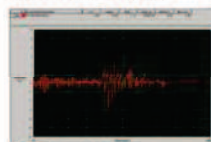
Trigger start and reverse button activated  
THROUGH SENSORS (Maintenance free)

Brushless Motor (Made in Switzerland)  
Designed for heavy duty cycle time



Clutch activated by sensors  
(No maintenance)

Shockless Clutch (GXS models)



### STANDARD FEATURES

- ✓ Digital speed settings
- ✓ Soft start settings
- ✓ Brushless motor
- ✓ Over current & heat alarms
- ✓ Start, reverse and shut-off activated by sensors

Improve your  
manufacturing quality!  
Lower your maintenance  
cost!



# GX Series

30 Volts • Auto-shut off •  $\text{C}\epsilon$  XS-40D (FA) Controller 

0,02 to 1,2 NM



VACCUM System (Optional) •

- Higher productivity : thanks to high Brushless motor efficiency !
- Higher comfort : thanks to improved ergonomoy and reduced sound level and heat !
- Increased economy : thanks to brushless motor (triple the life time of the motor).
- Reduced maintenance : the best Mean Time Between Failure (MTBF) ever reached until now (no carbon brush, trigger and reverse contactless switches, over-heat and over-current built in alarms protecting the screwdrivers).
- Increased production quality : thanks to ESD protection, accurate clutch and Softstop clutch Mechanism.
- Noise level : <70 dBA, vibration level : <2,5 m/s<sup>2</sup>

## Micro Torque GX Series *(features SOFT STOP clutch and Digital speed setting)*

| Model      | Torque Range (Nm) | Speed rotation (rpm) | Starting system | Drive                     | Weight (Kg) | Code      |
|------------|-------------------|----------------------|-----------------|---------------------------|-------------|-----------|
| GX 035 ESD | 0,02 - 0,34       | 300 to 1100          | Lever           | Half moon/shank drive 4mm | 0,24        | 6-1040077 |
| GX 045 ESD | 0,04 - 0,45       | 300 to 700           | Lever           | Half moon/shank drive 4mm | 0,24        | 6-1040078 |

## STANDARD Series : GX with digital speed and soft start

| Model           | Torque Range (Nm) | Speed rotation (rpm) | Starting system | Drive    | Weight (Kg) | Code      |
|-----------------|-------------------|----------------------|-----------------|----------|-------------|-----------|
| GX 80 ESD V2    | 0,09 - 0,8        | 450 to 1000          | Lever           | Hex 1/4" | 0,43        | 6-1021025 |
| GX 120 ESD V2   | 0,2 - 1,2         | 300 to 700           | Lever           | Hex 1/4" | 0,43        | 6-1021026 |
| GX 80 P ESD V2  | 0,09 - 0,8        | 450 to 1000          | Push to start   | Hex 1/4" | 0,43        | 6-1021027 |
| GX 120 P ESD V2 | 0,2 - 1,2         | 300 to 700           | Push to start   | Hex 1/4" | 0,43        | 6-1021028 |

## SOFT STOP Series : GXS *(built-in special clutch mechanism providing soft shut-off to protect fragile parts)*

| Model          | Torque Range (Nm) | Speed rotation (rpm) | Starting system | Drive    | Weight (Kg) | Code      |
|----------------|-------------------|----------------------|-----------------|----------|-------------|-----------|
| GXS 80 ESD V2  | 0,09 - 0,8        | 450 to 1000          | Lever           | Hex 1/4" | 0,43        | 6-1021020 |
| GXS 120 ESD V2 | 0,2 - 1,2         | 300 to 700           | Lever           | Hex 1/4" | 0,43        | 6-1021021 |

## TIMER & AUTOREVERSE Series : GXT *(fasten at preset angle/time, Automatic Reverse/forward, stop sequence - ideal for tapping operation, helicoil fastening, pre-assembly...)*

| Model          | Torque Range (Nm) | Speed rotation (rpm) | Starting system | Drive    | Weight (Kg) | Code      |
|----------------|-------------------|----------------------|-----------------|----------|-------------|-----------|
| GXT 80 ESD V2  | 0,09 - 0,8        | 450 to 1000          | Lever           | Hex 1/4" | 0,43        | 6-1021036 |
| GXT 120 ESD V2 | 0,2 - 1,2         | 300 to 700           | Lever           | Hex 1/4" | 0,43        | 6-1021037 |

## FIXTURED SPINDLES Series : GXA *(for automation)*

| Model          | Torque Range (Nm) | Speed rotation (rpm) | Starting system | Drive                     | Weight (Kg) | Code      |
|----------------|-------------------|----------------------|-----------------|---------------------------|-------------|-----------|
| GXA 035 ESD V3 | 0,03 - 0,35       | 300 to 1100          | Remote          | Half moon/shank drive 4mm | 0,45        | 6-1040073 |
| GXA 045 ESD V3 | 0,04 - 0,45       | 300 to 700           | Remote          | Half moon/shank drive 4mm | 0,45        | 6-1040076 |
| GXA 080 ESD V3 | 0,1 - 0,8         | 450 to 1000          | Remote          | Hex 1/4"                  | 0,45        | 6-1040074 |
| GXA 120 ESD V3 | 0,2 - 1,2         | 300 to 700           | Remote          | Hex 1/4"                  | 0,45        | 6-1040075 |


\* The whole models of this series are delivered with one tool cable (3m) + sample powerbits.



# Accessories

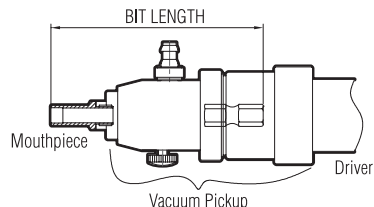
For GX/GX-G Series

## Screw Vacuum Pickup








|   |  |
|---|--|
|  |  |
| Vacuum pick up  |  |
| Code  | 6-1052500 for GX 30 Volts                        |
| Code  | 6-1000230 for GX 40 Volts                        |
| Code  | 6-1000270 for GX 30 Volts with torque cover ring |

Vacuum pick up assembly is provided without the sleeve (on request).




|      |                               |
|------|-------------------------------|
| Code | 6-1084100 for GX150/220 ESD-G |
| Code | 6-1084101 for GX 450 ESD-G    |
| Code | 6-1084102 for GXA ESD-G       |
| Code | 6-1052501 for GX micro        |



## Accessories

|             |   |   |  |   |
|-------------|---|---|--|---|
|             |    |    |  |                                    |
| Designation | Torque ring cover*  | Ring for arm mounting from below  | Ring for arm mounting from above   |   |
| Code        | 6-1041213 for GX 30 Volts<br>6-1041205 for GX 40 Volts<br>6-1078800 for GX-G 40 Volts<br>6-1000232 for GX035-045<br>6-1000233 for GX...BT, GY, PGY, GX...BT-G, GY-G, PGY-G<br>6-1077500 for GX...FS | 6-1045804 for GX 30 Volts<br>6-1045801 for GX/GX-G 40 Volts<br>6-1045803 for GX...BT<br>6-1045800 for GY<br>6-1045802 for HD<br>6-1045805 for GX...FS | 6-1041501 for GX 30 Volts  | Spiral cable 3,5 m <b>6-1010413</b><br>Standard cable 3,0 m <b>6-1041225</b><br>Standard cable 5,0 m <b>6-1044703</b> |
|             |    |    |  |                                  |
| Designation | Programming Lock key**  | Programming Lock key firmware upgrade**   |  | Pistol grip for 40 Volts  |
| Code        | 6-1044850   | 6-1000222   |  | 6-1000231 for GX 30 Volts<br>6-1010420 for GX/GX-G 40 Volts   |

\*Not suitable with vacuum pickup. \*\* Available only for standard series GX 30 & 40 Volts - To be ordered together.

|   |  |   |
|---|--|---|
|  |  |    |
| Holster <b>4-1588700</b>  | Cable 5m (GY-PGY) <b>6-1078888</b><br>Cable 3m (GY-PGY) <b>6-1077200</b>             | Square drive male 1/4"  |
|   |  | Angle head for GX 30 Volts <b>6-1000226</b><br>Angle head for GX150/220-G Volts <b>6-1000302</b><br>Angle head for GX 450-G <b>6-1000229</b><br>Angle head for GX 40 Volts <b>6-1000227</b> |
|   |  | 1/4" female hex. drive  |
|   |  | Angle head for GX...BT/GX...BT-G <b>6-1033330</b><br>Angle head for GY/GY-G <b>6-1033331</b>  |

## PLC Interface

|   |           |
|---|-----------|
|  |           |
| PLC interface U-3B  |           |
| Code  | 6-1041520 |

- Model U-3B
- Weight : 75g
- Size : 75(W) x 61(D) x 20(H)mm
- Type of signals :
  - open collector by optocoupler (reversed)
  - relay contact N.C
  - Relay contact N.O

### Converted signals by U-3B converter from XS-40D

| N° | Wire Color    | Signal              | XS-40D | Interface converter |
|----|---------------|---------------------|--------|---------------------|
| 1  | ORANGE        | Spare               |        |                     |
| 2  | ORANGE STRIPE | Torque Up           |        |                     |
| 3  | BLUE          | Motor Run           |        |                     |
| 4  | BLUE STRIPE   | Common for 2&3 wire |        |                     |
| 5  | GREEN         | Driver Lock         |        |                     |
| 6  | GREEN STRIPE  |                     |        |                     |
| 7  | BROWN         | No use              |        |                     |
| 8  | BROWN STRIPE  | Spare               |        |                     |