

EXACT ION and ANGLE EXACT ION

with lithium-ion technology **+Wireless OK SIGNAL**

Better than ever before!

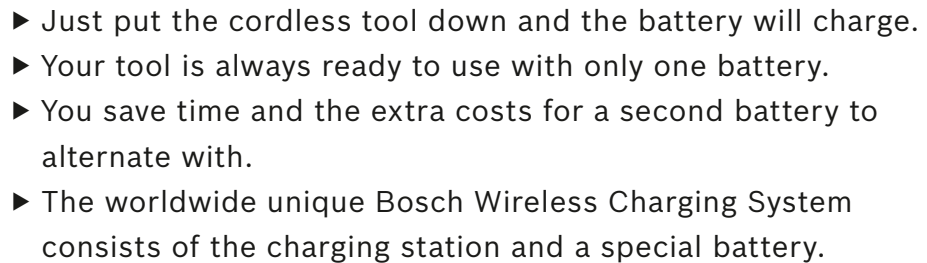
With Bosch Premium lithium-ion technology and Wireless Charging

The handy Bosch cordless shut-off screwdrivers in the EXACT range are now more powerful and efficient than ever before.

Enabling the highest repeatability, they are especially suitable for driving rows of screws and completing assembly applications with maximum performance whilst meeting very high quality demands. Thanks to Bosch lithium-ion battery technology, they deliver maximum power for high torques and speeds. They are also extremely resilient with minimal energy loss, so they additionally reduce your costs with their superior lifetime. Their low weight of only 1.3 kg (EXACT ION) also ensures impressively comfortable working in shift operations.

Now also with:





Complete flexibility:

Complete flexibility:



No contact points and durable
against water, dust and dirt

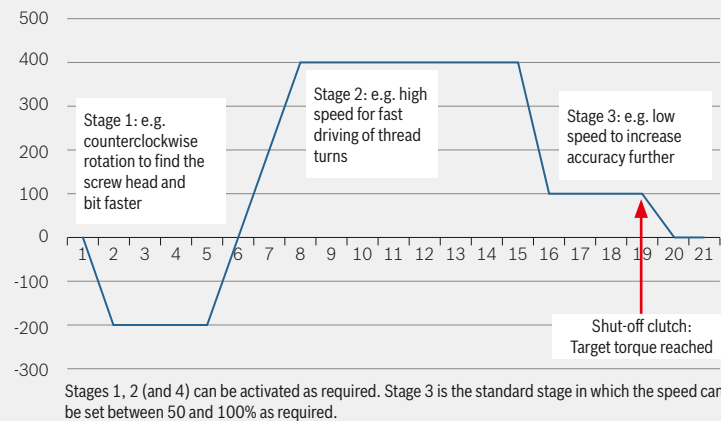


Multi - Stage Programing

Adjustable to your individual application



Multi-stage screwdriving process



Greater process reliability:

- Precision shut-off clutch with $Cmk > 1.67$ (at a tolerance of $\pm 10\%$ in accordance with ISO 5393)
- **NEW!** Multi-stage screwdriving process, adjustable to your individual application via USB interface

Greater efficiency:

- **NEW!** Bosch Premium lithium-ion technology for long lifetime and runtime
- **NEW!** Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and extremely long lifetime







Flexible Power System

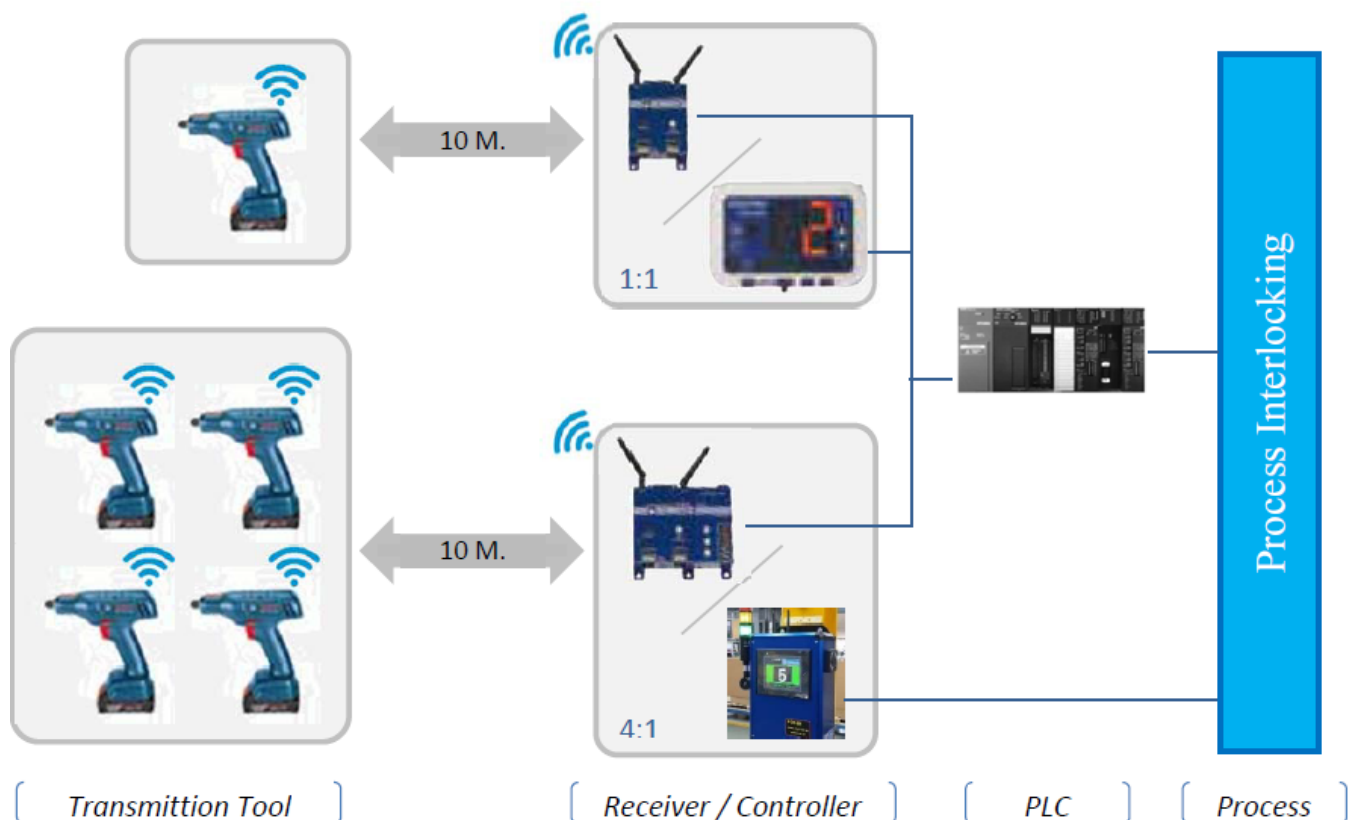


- **Patented new interface**, to prevent mix-ups
- **Temperature monitoring and overload protection**, for extremely long lifetime
- **Double locking**, to prevent falling out
- **Charge level indicator**, to identify the charging state
- **Bosch high-performance battery cells**, with low energy loss, for the highest speeds and torques
- **Integrated cooling**, for extremely long lifetime

Wireless Receiver

Choices for your application







General Features <i>Cordless Pokayoke System</i>					
ID	Function	Model			
		1CH-TW800	1CH-TW800Scd	4CH-TW800	4CH-POK-B
1	Wireless signal transmission	Yes	Yes	Yes	Yes
2	"OK" Signal transmission	Yes	Yes	Yes	Yes
3	"NG" Signal transmission	-	-	-	-
4	No. of tool supported (Max)	1 (0.5-60Nm)	1 (0.5-60Nm)	4 (0.5-60Nm)	4 (0.5-60Nm)
5	Type of interface output	Contact (Dry)	Contact (Dry)	Contact (Dry)	Contact (NPN)
6	No. of interfacer output	1	1	4	4
7	Counter function included	-	Yes	-	Yes
8	Display	-	7 Segment	-	Touch screen
9	Pre-Program (Max)	-	8	-	32
10	Program selection by I/O	-	Yes (BCD)	-	Yes (BCD)
11	Program selection by barcode	-	-	-	Yes
12	Sinal light & sound	Yes	Yes	Yes	Yes (Stack light)
13	PLC Function included	-	-	-	Yes
14	Power supply	220Vac	220Vac	220Vac	220Vac



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- ▶ Multi-stage screwdriving process, adjustable to your individual application via USB interface
- ▶ Bosch Premium lithium-ion technology for long lifetime and runtime
- ▶ Brushless (EC) motor for 30% more efficiency (compared to conventional DC motors) and extremely long lifetime
- ▶ New ergonomic design and lower weight for even more comfortable working
- ▶ Higher rotational speeds (compared to SEC-EXACT) and the screwdriving stages reduce production times and improve quality

	Part number	Torque, hard / soft as per ISO 5393 (Nm)	Speed (no-load)
EXACT ION 2-700 Plus 	0602494-400S	0.5 – 2	350 – 700 (min. 70)
EXACT ION 4-2000 Plus 	0602494-401S	1 – 4	1,000 – 2,000 (min. 200)
EXACT ION 6-1500 Plus 	0602494-402S	1 – 6	750 – 1,500 (min. 150)
EXACT ION 8-1100 Plus 	0602494-403S	1.5 – 8	550 – 1,100 (min. 110)
EXACT ION 12-700 Plus 	0602494-404S	1.5 – 12	350 – 700 (min. 70)
EXACT ION 12-450 Plus 	0602494-405S	1.5 – 12	225 – 450 (min. 45)

EXACT ION WK

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	Part number	Torque, hard / soft as per ISO 5393 (Nm)*	Speed (no-load)*
EXACT ION 6-1500 WK Plus 	0602494-406S	2 – 8	525 – 1050 (min. 105)
EXACT ION 8-1100 WK Plus 	0602494-407S	2 – 11	375 – 750 (min. 75)
EXACT ION 12-700 Plus 	0602494-408S	2 – 16	250 – 500 (min. 50)
EXACT ION 12-450 WK Plus 	0602494-409S	2 – 16	160 – 320 (min. 32)

* measured with Bosch angle screwdriving head

ANGLE EXACT ION

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	Part number	Torque, hard / soft as per ISO 5393 (Nm)	Speed (no-load)
ANGLE EXACT ION 8-1100 Plus 	0602494-600S	2 – 8 wo/AH	550 – 1,100 (min. 110)
ANGLE EXACT ION 15-500 Plus 	0602494-601S	2 – 15 wo/AH	260 – 520 (min. 52)
	0602494-60AS	2 – 15	260 – 520 (min. 52)
ANGLE EXACT ION 23-380 Plus 	0602494-602S	10 – 23 wo/AH	190 – 380 (min. 38)
ANGLE EXACT ION 30-290 Plus 	0602494-607S	10 – 30 wo/AH	145 – 290 (min. 29)
	0602494-60BS	10 – 30	145 – 290 (min. 29)
ANGLE EXACT ION 30-300 Plus 	0602494-603S	10 – 30	150 – 300 (min. 30)
ANGLE EXACT ION 40-220 Plus 	0602494-604S	15 – 40	110 – 220 (min. 22)
ANGLE EXACT ION 50-210 Plus 	0602494-605S	15 – 50	90 – 180 (min. 18)
ANGLE EXACT ION 60-120 Plus 	0602494-606S	15 – 60	60 – 120 (min. 12)