

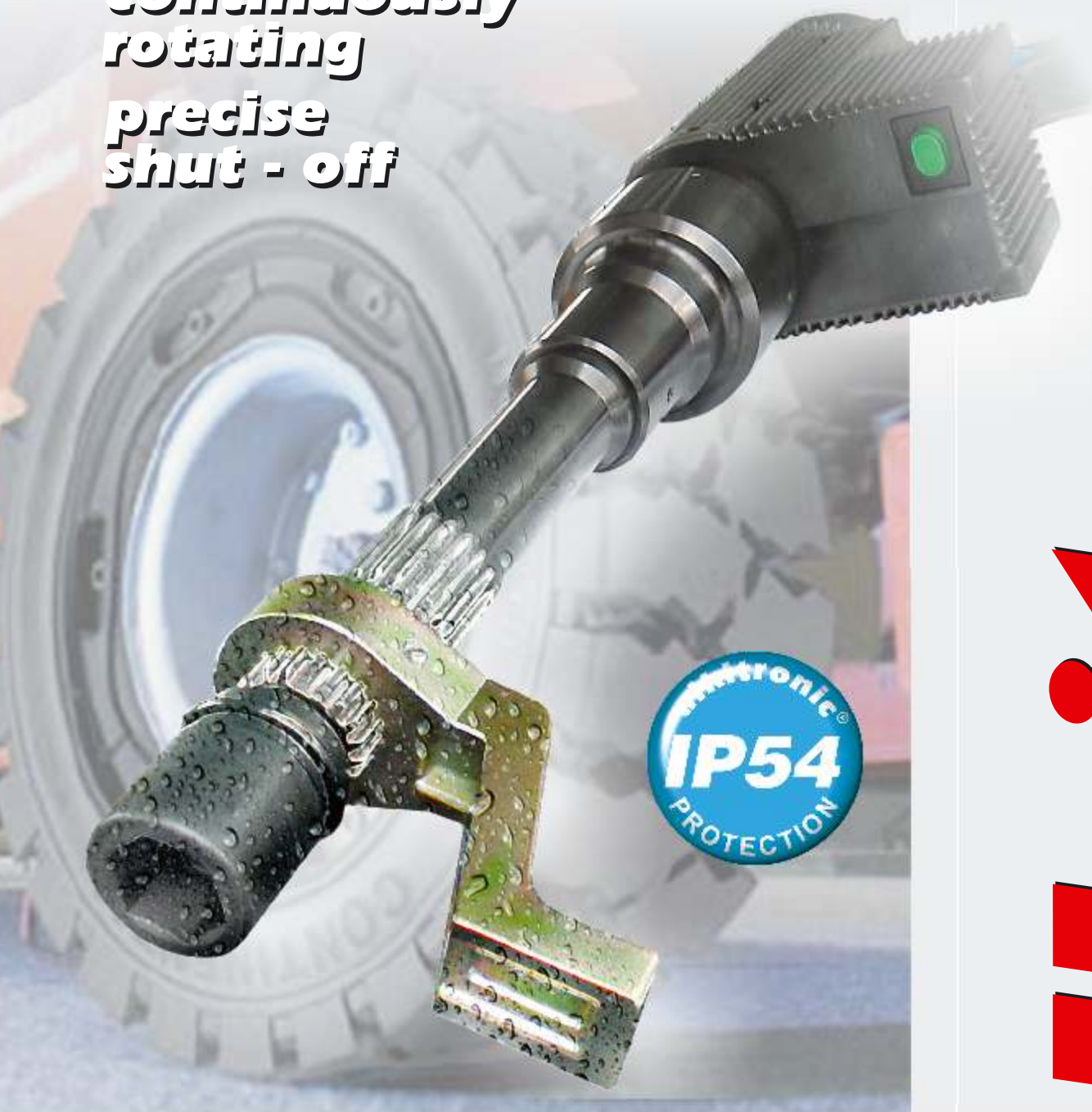
new

*Electrical and pneumatic torque wrenches for
heavy goods vehicles and low seated boltings*

N-Tools

Torque Wrenches

**continuously
rotating
precise
shut - off**



alki
TECHNIK
GMBH



alkitronic®

Continuously rotating torque wrenches for low seated bolts

handy - dependable - precise shut-off torques

- One-handed operation - finger controlled forward/reverse
- Free joint execution - after fixing the reaction support any required position of the operation unit can be reached (rotatable 360 degrees)

- Safe and weather independent operation (ECip-N with Protection Art IP 54)
- Heavy-duty gear box
- Robust body of aluminium lost-wax casting

LS - N Drive pneumatic

- Optimal applications in high explosion-risk areas



Highly developed pneumatic drive
- proven worldwide

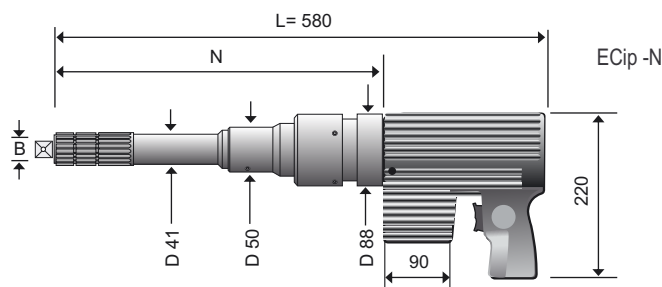
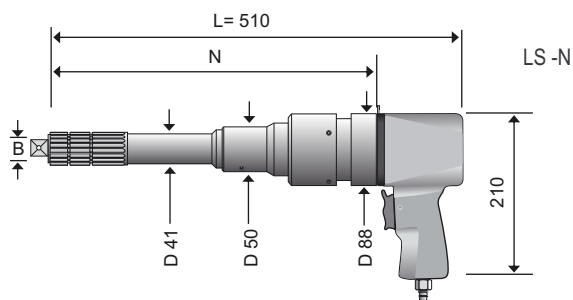
ECip - N Drive electric

- Large torque range with 19 selectable shut-off torques



Brush-free synchronized motor
- maintenance-free
Microcontrolled monitoring and processor
controlled switch-off electronic
**Problem-free operation with
power generator**

Technical Details



Series N	Type	LS 80 N	LS 100 N	ECip 80 N	ECip 100 N
Torque range approx.	Nm	365-1080*	495-1450*	140-1100*	230-1480*
	ft.lbs	270-800*	365-1070*	100-800*	170-1090*
Square drive	B	3/4"	3/4"	3/4"	3/4"
Length L	mm	510	510	580	580
Length N**	mm	380**	380**	380**	380**
Weight without support approx.	kg	9,8	9,8	11	12
Idle speed approx.	rmin ⁻¹	16	12	16	9
Price	EUR				

* **Attention: Loosening torque** of bolt might be up to 20% higher.

** Lengths deviating from the standard upon request

Repeatable accuracy for switch-off $\pm 5\%$ for identically soft and hard joints.

LS-N: optimal operating upon an air pressure of 2-7 bars and an air consumption of 21 - 32 cfm.

ECipN: Voltage 100 - 253 V, Frequency 45 - 66 Hz, Capacity max. 2000 W



Accessories:

Maintenance unit complete with filter, regulator, lubricator as well as air pressure hose (5 m length) including couplings. In order to maximize operational safety and the lifetime of the motor the pressurized air should be fed by means of a lubricator with a fine oil spray.



ECip-N

Operational range

