

Power tools

for the Automotive Service Industry and Maintenance



IC^V INNOVATIVE CORDLESS TOOL SERIES WITH INTELLIGENT CHARGER ALLOWING TO „RENEW“ YOUR BATTERIES

- each tool works with both Lithium-Ion and Nickel Cadmium batteries (guarantee for 2 years or 1000 charges)
- impact mechanism holds four times longer (comparing to alternative battery tools)
- patented "rotate-and-clip" battery grip: reliable grip during operation or when dropped
- ribbed body and metal insert under trigger
- patented metal subframe
- now with universal TL10 handy light to complete the range of top class impacttools, drill and ratchets

Impacttools and ratchet wrenches

IMPACTTOOLS

Model	Square drive [in]	Free speed [rpm]	Max. torque [Nm]	Recomm. torque [Nm]	Weight [kg]
LA158	3/8"	9500	132	10-70	1,3
211-EU ¹⁾	3/8"	10000	245	30-120	1,1
212-EU	3/8"	10000	245	30-120	1,3
2115QTi / 2125QTi	3/8" / 1/2"	14500	330(380)	40-150	1,1
236	1/2"	7400	610	70-200	2,4
231GXP	1/2"	8000	610	70-300	2,6
2130XP	1/2"	9500	610(810)	70-300	2,0
2135 QTiMAX (-2)	1/2"	9500	840(950)	70-350	1,8
2141S / 2151S	3/4" / 1"	7500	1200(1600)	300-650	3,3
258	3/4"	6200	1360	300-700	4,9
261-EU (-6) / 271-EU	3/4" / 1"	5500	1500	300-800	5,6
2161XP(-6) / 2171XP	3/4" / 1"	6000	1700	400-1000	5,1
2190Ti (-6) ¹⁾	1"	6800	2200	400-1100	6,4
285B (-6) ¹⁾	1"	5000	2000	400-1220	10,9
295A-EU (-6)	1"	5000	2000	400-1220	10,1
280-EU (-6) ¹⁾	1"	6000	2175	400-1360	10,0
290-EU (-6)	1"	6000	2175	400-1360	9,9

¹⁾ - In-line impacttools or impacttools with special ergonomic housing.

In brackets maximum torque in reverse direction.

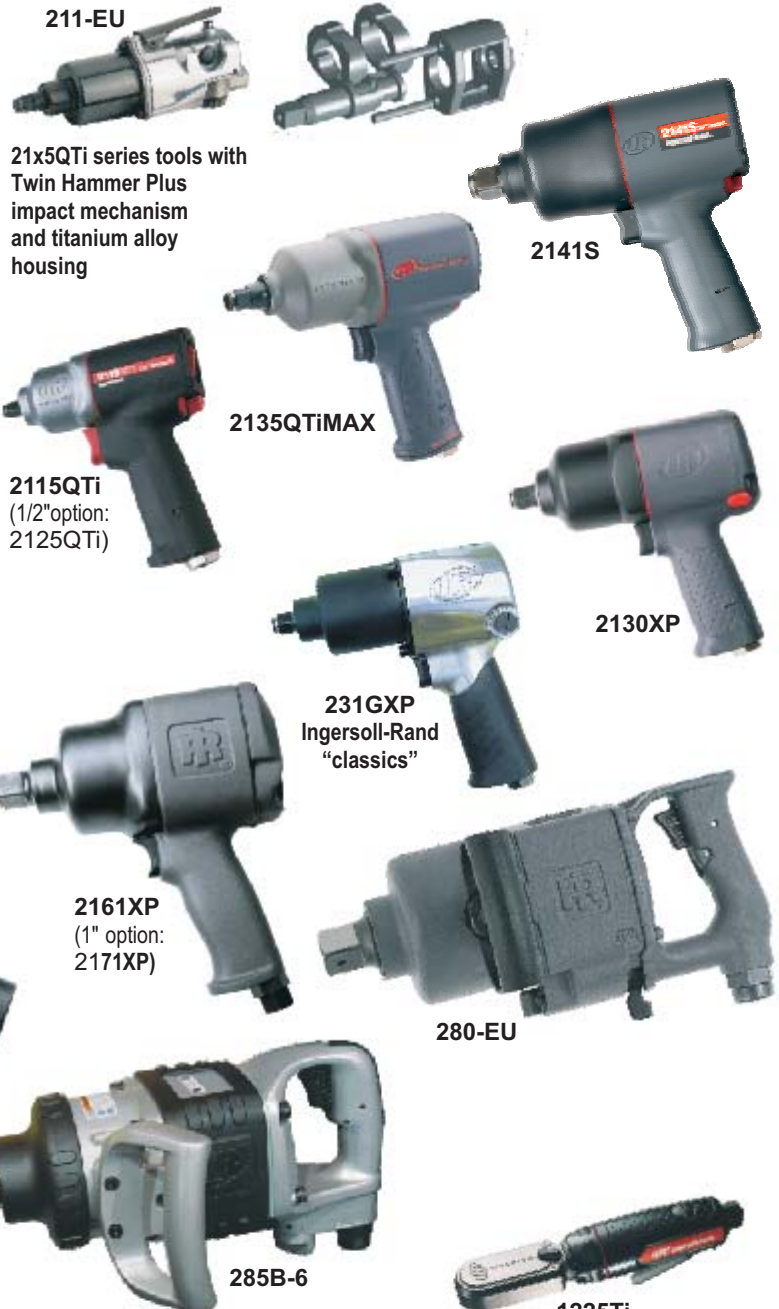
Tools with extended anvil also available, anvil extension:

(2) = 2" = 50 mm, (3) = 3" = 75 mm, (6) = 6" = 150 mm

Cordless impacttools (see picture on coverage)

W040 ²⁾	7,2 V	1/4"	2200	200	2 - 30	1,2
W150 ²⁾ / W175 ²⁾	14,4 V	3/8" / 1/2"	2200	200	40-100	2,1
W360 ²⁾	19,2 V	1/2"	2200	490	40-200	2,8

²⁾ - To order a set with intelligent charger & two NiCd or Lilon batteries add -2N, -2L. Weight with Lilon battery. Also available: W040SQ - with 1/4" square drive, W150QC - with 1/4" quick change, W360P - with pin socket retainer



211-EU

21x5QTi series tools with Twin Hammer Plus impact mechanism and titanium alloy housing

2141S

2135QTiMAX

2115QTi (1/2" option: 2125QTi)

2130XP

231GXP Ingersoll-Rand "classics"

2161XP (1" option: 2171XP)

280-EU

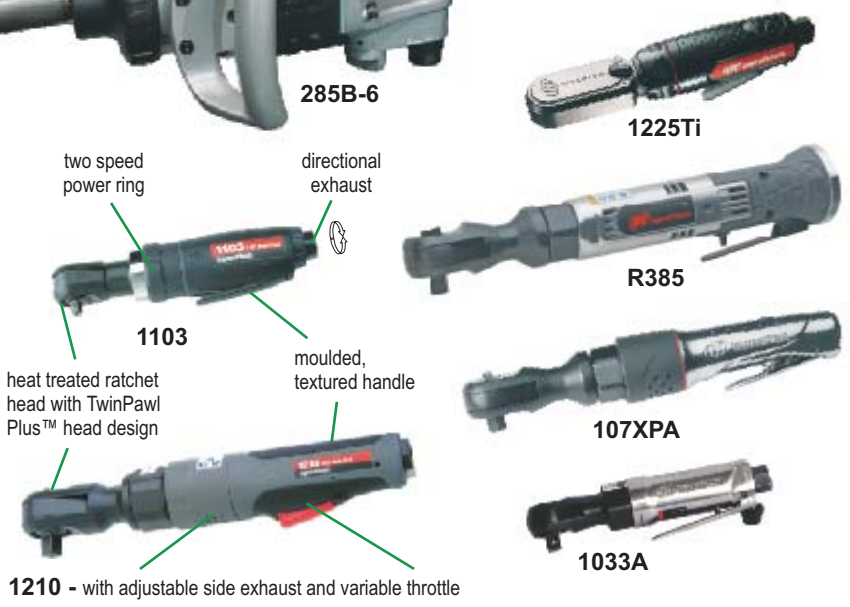
2190Ti-6

285B-6

RATCHET WRENCHES

Model	Square drive [in]	Free speed [rpm]	Max. torque [Nm]	Length [mm]	Weight [kg]
1033A / 103A	3/8" / 1/4"	200	7 - 27	165	0,5
1770 / 170	1/2" / 3/8"	160	14 - 68	260	1,1
XP series ratchets					
1077XPA / 107XPA	1/2" / 3/8"	160	14 - 61	267	1,1
1099XPA / 109XPA	1/2" / 3/8"	300	14 - 81	302	1,4
Composite high power, adjustable speed ratchets					
1133 / 1103	3/8" / 1/4"	270	7 - 34	190	0,6
1210 / 1200	1/2" / 3/8"	270	14 - 68	273	1,2
Lightweight Titanium flathead ratchets					
1225Ti / 1215Ti	3/8" / 1/4"	225	7 - 34	203	0,7
Composite high power, adjustable speed ratchets					
1111A-EU / 111-EU	1/2" / 3/8"	300	14 - 68	267	1,2
Cordless ratchets					
R145 ²⁾ / R140 ²⁾	7,2 V	3/8" / 1/4"	272	7 - 34	1,3
R385 ²⁾ / R380 ²⁾	14,2 V	1/2" / 3/8"	315	14 - 81	1,9

²⁾ - To order a set with intelligent charger & two NiCd or Lilon batteries add -2N, -2L. Weight with Lilon battery.



1210 - with adjustable side exhaust and variable throttle

Specification at 620 kPa. Air inlet for tools with 1" square drive NPT 1/2" (except 271-EU, 2171XP - 3/8"NPT), with square drive 3/4" - 3/8"NPT, with square drive 1/2" & 3/8" - NPT 1/4". Recommended hose size Ø 10 mm (Ø 13 mm for tools with 3/4" & 1" square drive). Most popular tools are marked in bold print. Detailed information on request. Available 1/2" impacttools kits with 10 sockets: 2135QTiMAX-SK and 231GXP-K. Also 231GXP-R kit: 231GXP impacttool + 1770 ratchet + 5 sockets.

Grinders, sanders & drills

GRINDERS

Model	Tool description / optional & standard equipment	Wheel / pad / collet [mm]	Free speed [rpm]	Power [kW]	Weight [kg]
Random Orbital Sanders					
4151-HL ¹⁾	vacuum ready, option JetVac ²⁾	Ø152	12000	0,15	0,9
4151-HL-2 ¹⁾	vacuum ready, option JetVac ²⁾	Ø152	12000	0,15	1,0
311A	non-vacuum	Ø152	10000	0,19	1,7
4152-HL ¹⁾	vacuum ready, option JetVac ²⁾	Ø152 ³⁾	12000	0,15	0,9
4152-HL-SR	vacuum ready, option JetVac ²⁾	Ø75 ³⁾	12000	0,15	0,85

¹⁾ - 4151 series sanders delivered with hook & loop pad P/N 49835 as standard.

²⁾ - Optional 4151JV kit for effective Venturi Vacuum dust extraction.

Disposable paper bags IR49988 (20 pcs), IR49987 (250 pcs) available

³⁾ - 4152-HL & 4152-HL-SR with 2,5 mm eccentrics (other with 5 mm eccentrics).

Orbital (Eccentric) Sanders

312A	rectangular pad	93 x 170	8000		2,1
315-EU	rectangular pad	70 x 405	3000		3,0

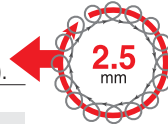
Sanders & Polishers

313A	angle sander	Ø178	5000	0,8	1,8
314A	angle polisher ⁴⁾	Ø178	2500	0,8	1,8
317A	pistol grip sander	Ø127	18000		1,0
318A	vertical polisher ⁴⁾	Ø178	2800	0,6	2,0
319A	vertical sander	Ø178	5000	0,6	2,0

Straight and angle grinders

301-EU	angle with collet - mini	Ø 6	20000	0,19	0,45
302A-EU	angle with collet	Ø 6 & ¼"	18000	0,25	0,45
3102-EU	angle with collet - composite	Ø 6 & ¼"	20000	0,27	0,6
307A-EU	straight with collet - mini	Ø 6	27000	0,19	0,3
308A-EU	straight with collet	Ø 6 & ¼"	25000	0,25	0,5
3108-EU	straight with collet - composite	Ø 6 & ¼"	25000	0,27	0,5
LA429-EU	straight + 10 grinding stones	Ø 6	22000	0,32	0,6
327-EU	straight with drill chuck	max. Ø 10	22000	0,37	0,7
327LS	straight - quick change 7/16"	----	3000	0,37	1,0
LA422-EU	angle for grinding wheels	max.125	12000	0,60	1,8

⁴⁾ - Polishing bonnet is not standard equipment. Please order separately P500-850.



DRILLS

Model	Drill chuck [mm]	Free speed [rpm]	Power [kW]	Length [mm]	Weight [kg]
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Pistol grip drills

7802A (KC)	10	2000	0,37	175	1,3
7803A (KC)	13	500	0,37	200	1,6

Reversible pistol grip drills

7802RA (KC)	10	2000	0,37	175	1,3
7803RA (KC)	13	500	0,37	200	1,6

Reversible angle drills

7807R-EU	10	1500	0,25	206	1,1
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Straight drills

LA410-EU	10	4000	0,25	210	0,9
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KC = drill with keyless chuck. Separate keyless chucks:

Ø10mm: KC10MM (metal), 728-99-KC5 (composite)

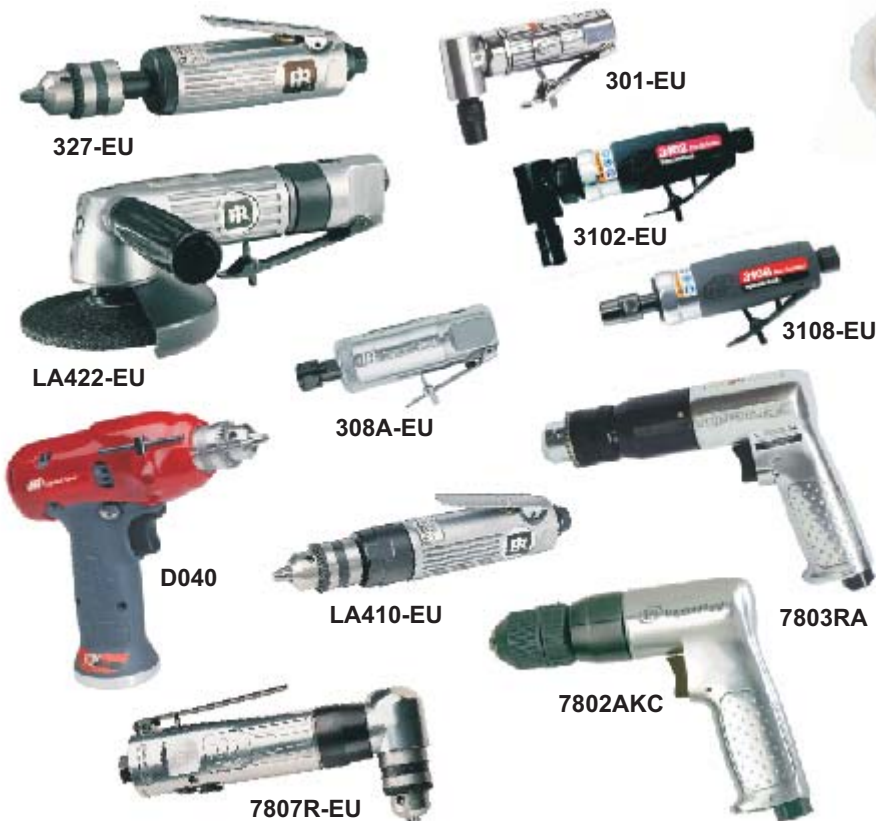
Ø13mm: KC13MM (metal), 728-99-KC8 (composite)

Cordless drills/drivers (see coverage)

D650 ⁶⁾ - 19,2V	13	0-1300 ⁵⁾	73Nm	245	2,1
D550 ⁶⁾ - 14,4V	13	0-1300 ⁵⁾	62Nm	245	2,0
D040 ⁶⁾ - 7,2V	6	0-1100	4,5Nm	176	1,1

⁵⁾ - With 16 positions clutch & low speed range 0-360 rpm.

⁶⁾ - To order a set with intelligent charger & two NiCd or Lilon batteries add -2N, -2L. Weight with Lilon battery.



Specification for the tools on this and the following page is given at 620 kPa. Air inlet NPT 1/4". Recommended hose size Ø 10 mm. Most popular tools are marked in bold print. Detailed information on request.

Other tools & manual chain blocks

AIR SCREWDRIVERS

Model	Shape	Clutch	Free speed [rpm]	Max. torque [Nm]	Weight [kg]
371-EU	pistol grip	jaw clutch	1800	8 (13) ¹⁾	1,1
LA413-EU	straight	adjustable	1800	8 (10) ¹⁾	1,1
LA439-EU	pistol grip	adjustable	1800	8 (10) ¹⁾	1,6

¹⁾ - Max. torque in brackets is for the hard joint



AIR HAMMERS

Model	Chisel shank [mm]	Blows per minute	Length [mm]	Weight [kg]
116-EU ^{2) 4)}	● 10,2	3500	198	1,5
116H-EU ^{3) 5)}	● 10,2	3500	198	1,5
117-EU ²⁾	● 10,2	2000	251	1,9
117H-EU ³⁾	● 10,2	2000	251	1,9
121/Q-EU ²⁾	● 10,2	3000	194	1,6
121/QH-EU ³⁾	● 10,2	3000	194	1,6
125-EU	needle scaler	4600	465	2,8

Option: chisel kit (5 pcs.): ²⁾ - 116-K5, ³⁾ - 116H-K5
Kits: hammer+chisels ⁴⁾ - LA426-EU, ⁵⁾ - LA427-EU

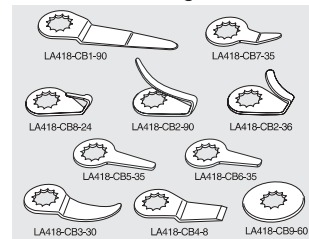


AIR - HYDRAULIC RIVETERS

Model	Rivet capacity [mm]	Height [mm]	Length [mm]	Weight [kg]
LA415-EU	2,4 - 6,4	315	197	1,8
LA437-EU	2,4 - 4,8	260	165	1,4

Additional nozzles: 3,2; 4,0; 4,8 included.

Windscreen cutting blades



CUTTING TOOLS & SPECIAL TOOLS

Model	Tool description	Cycle per minute	Length [mm]	Weight [kg]
325-EU	nibbler	3200	185	0,9
LA418A-EU ⁶⁾	windscreen cutter	20000	208	1,0
429	saw	9000	229	0,6
4429	saw	5750	235	0,7
LA428-EU	air caulking gun	---	356	1,3

⁶⁾ - windscreen cutting blades supplied as optional equipment



HAND CHAIN HOISTS with standard overload protection

Model	Capacity [t]	Weight [kg]
SMB005-10-8V	0,5	10,5
SMB010-10-8V	1	12
SMB015-10-8V	1,5	17,5
SMB020-10-8V	2	19
SMB030-10-8V	3	32
SMB050-10-8V	5	41

Standard lifting height 3 m, other heights on request.

LEVER CHAIN HOISTS

Model	Capacity [t]	Weight [kg]
SLB150-5	0,75	7
SLB200-5	1	7
SLB300-5	1,5	11
SLB600-5	3	21
SLB1200-5	6	34

Standard lifting height 1,5 m, other heights on request.



SMB010-10-8V



SLB150-5

TROLLEYS

Capacity	push-pull	manual	for beam [mm]	min. curve	Weight [kg]
½ t	PT005-8	---	72 - 203 ⁷⁾	914	8,9
1 t	PT010-8	GT010-8-10	78 - 203 ⁷⁾	1219	13,9/19,8
2 t	PT020-8	GT020-8-10	90 - 203 ⁷⁾	1219	27,4/33,3
3 t	PT030-8	GT030-8-10	102 - 203 ⁷⁾	1524	32,3/39,1
5 t	PT050-8	GT050-8-10	120 - 203 ⁷⁾	1524	50 / 56

⁷⁾ - Extension available for the assembly on up to 305 mm wide beam



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