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JUWEL TQS-Series

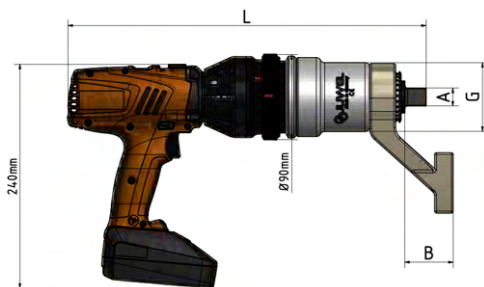
Battery-operated Torque Gun

- Torque range from 100 to 10,000 Nm
- Brushless PowerDrive motor
- Lithium-ion battery with SafetyCell Technology (6 Ah)
- Planetary gears are developed and manufactured 100% in Germany in our own company
- Thanks to the quick-charger, batteries can be fully charged in less than 30 minutes
- 4 gears with 15 torque levels each
- High speeds for precise and fast screwing
- From model TQS-400 equipped with additional handle for better handling
- Reaction arm made of high-strength investment casting - customised versions also possible on request thanks to our own CNC manufacture



Subject to technical changes and errors.

Technical Data



Typ/Type	TQS-065	TQS-095	TQS-130	TQS-220	TQS-300	TQS-400	TQS-500	TQS-600	TQS-700	TQS-800-1000
Antriebsvierkant/Square drive A	3/4"	3/4" / 1"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	
Artikelnummer/Item number	62 000 065	62 000 095	62 000 130	62 000 220	62 000 300	62 000 400	62 000 500	62 000 600	62 000 700	
Drehmoment/Torque (Nm)	100 - 650	100 - 950	100 - 1.300	100 - 2.200	100 - 3.000	150 - 4.000	250 - 5.000	350 - 6.000	450 - 7.000	Max. 10.000
Drehzahl 1. Gang (U/min)/Speed 1st gear (r/min)	8	7.5	4.25	2.1	1.2	1.25	1.25	1	0.75	
Drehzahl 2. Gang (U/min)/Speed 2nd gear (r/min)	16	15.5	8.5	4.2	2.5	2.5	2.5	2	1.5	
Drehzahl 3. Gang (U/min)/Speed 3rd gear (r/min)	36	35	20	8.5	6	5.5	5.5	4	3.5	
Drehzahl 4. Gang (U/min)/Speed 4th gear (r/min)	70	36	39	18	12	11	11	8	7	
Gewicht Abstützung/Weight reaction arm (kg)	0.5	0.7	1.7	1.7	1.7	3.5	3.5	5.5	5.5	Auf Anfrage/ On request
Gewicht/Weight (kg)	4.75	6.8	7.2	8.2	8.3	10.5	12.5	16	16	
Länge/Length H (mm)	380	390 / 395	380	420	420	435	475	455	455	
Weite/Width B (mm)	55	55/75	75	75	75	95	95	115	115	
Ø Getriebe/Gear D (mm)	75	75	88	88	88	99	99	135	135	
Ø Verriegelung/Locking (mm)	90	90	90	90	90	90	90	90	90	

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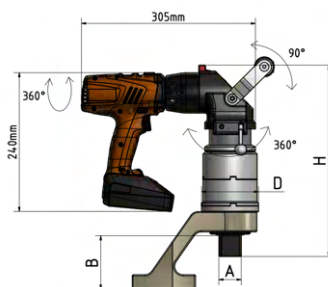
JUWEL TQWS-Series Battery-operated Torque Gun

- Torque range from 100 to 10,000 Nm
- Brushless PowerDrive motor
- Lithium-ion battery with SafetyCell Technology (6 Ah)
- Planetary gears are developed and manufactured 100% in Germany in our own company
- Thanks to the quick-charger, batteries can be fully charged in less than 30 minutes
- 4 gears with 15 torque levels each
- High speeds for precise and fast screwing
- From model TQWS-400 equipped with additional handle for better handling
- Reaction arm made of high-strength investment casting - customised versions also possible on request thanks to our own CNC manufacture



Subject to technical changes and errors.

Technical Data



Typ/Type	TQWS-065	TQWS-095	TQWS-130	TQWS-220	TQWS-300	TQWS-400	TQWS-500	TQWS-600	TQWS-700	TQWS-800-1000
Antriebsvierkant/Square drive A	3/4"	3/4" / 1"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	
Artikelnummer/Item number	62 100 065	62 100 095	62 100 130	62 100 220	62 100 300	62 100 400	62 100 500	62 100 600	62 100 700	
Drehmoment/Torque (Nm)	100 - 650	100 - 950	100 - 1.300	100 - 2.200	100 - 3.000	150 - 4.000	250 - 5.000	350 - 6.000	450 - 7.000	Max. 10.000
Drehzahl 1. Gang (U/min)/Speed 1st gear (r/min)	8	7.5	4.25	2.1	1.2	1.25	1.25	1	0.75	
Drehzahl 2. Gang (U/min)/Speed 2nd gear (r/min)	16	15.5	8.5	4.2	2.5	2.5	2.5	2	1.5	
Drehzahl 3. Gang (U/min)/Speed 3rd gear (r/min)	36	35	20	8.5	6	5.5	5.5	4	3.5	
Drehzahl 4. Gang (U/min)/Speed 4th gear (r/min)	70	36	39	18	12	11	11	8	7	
Gewicht Abstützung/Weight reaction arm (kg)	0.5	0.7	1.7	1.7	1.7	3.5	3.5	5.5	5.5	Auf Anfrage/ On request
Gewicht/Weight (kg)	6	8.6	8.5	10.2	10.2	12	13.5	17	17	
Länge/Length H (mm)	264	283 - 288	275	307	307	320	365	355	355	
Weite/Width B (mm)	55	55/75	75	75	75	95	95	115	115	
Ø Getriebe/Gear D (mm)	75	75	88	88	88	99	99	135	135	
Ø Verriegelung/Locking (mm)	90	90	90	90	90	90	90	90	90	

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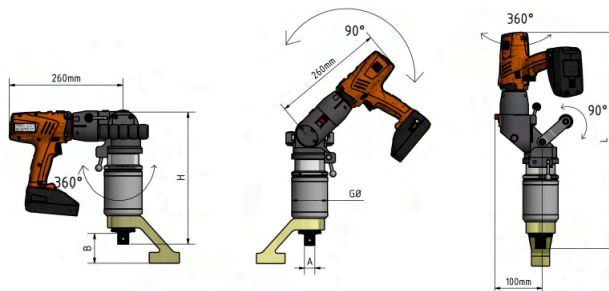
JUWEL TQSM-Series Battery-operated Torque Gun

- Torque range from 100 to 5,000 Nm
- Multi-design enables maximum flexibility
- Brushless PowerDrive motor
- Lithium-ion battery with SafetyCell Technology (6 Ah)
- Planetary gears are developed and manufactured 100% in Germany in our own company
- Thanks to the quick-charger, batteries can be fully charged in less than 30 minutes
- 4 gears with 15 torque levels each
- High speeds for precise and fast screwing
- Equipped with additional handle for better handling
- Reaction arm made of high-strength investment casting - customised versions also possible on request thanks to our own CNC manufacture



Subject to technical changes and errors.

Technical Data



Special-Feature

Two tools in one:
Stepless locking
of the control unit
allows all variations
between a straight
and angled torque
wrench.

Typ/Type	TQSM-065	TQSM-095	TQSM-130	TQSM-220	TQSM-300	TQSM-400	TQSM-500
Antriebsvierkant/Square drive A	3/4"	3/4" / 1"	1"	1"	1"	1 1/2"	1 1/2"
Artikelnummer/Item number	62 200 065	62 200 095	62 200 130	62 200 220	62 200 300	62 200 400	62 200 500
Drehmoment/Torque (Nm)	100 - 650	100 - 950	100 - 1.300	100 - 2.200	100 - 3.000	150 - 4.000	250 - 5.000
Drehzahl 1. Gang (U/min)/ Speed 1st gear (r/min)	8	7.5	4.25	2.1	1.2	1.25	0.5
Drehzahl 2. Gang (U/min)/ Speed 2nd gear (r/min)	16	15.5	8.5	4.2	2.5	2.5	0.9
Drehzahl 3. Gang (U/min)/ Speed 3rd gear (r/min)	36	35	20	8.5	6	5.5	2
Drehzahl 4. Gang (U/min)/ Speed 4th gear (r/min)	70	36	39	18	12	11	4
Gewicht Abstützung/ Weight reaction arm (kg)	0.5	0.7	1.7	1.7	1.7	3.5	3.5
Gewicht/Weight (kg)	7	9	9.1	10.4	10.5	12.7	13.9
Länge/Length L (mm)	500	510	510	530	530	555	605
Höhe/Height H (mm)	275	285	285	305	305	330	380
Weite/Width B (mm)	55	55/75	75	75	75	95	95
Ø Getriebe/Gear D (mm)	75	75	88	88	88	99	99
Ø Verriegelung/Locking (mm)	90	90	90	90	90	90	90

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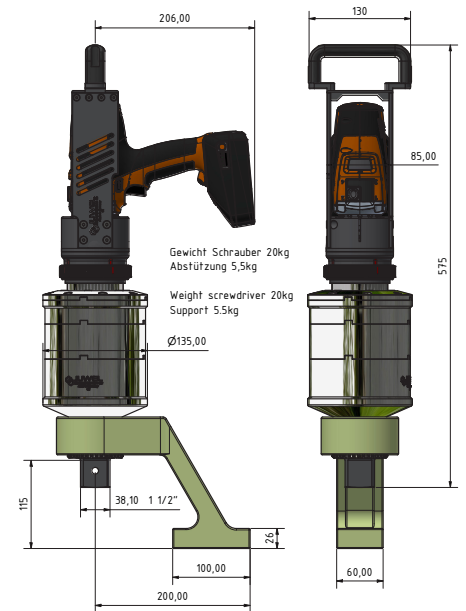
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FEEL THE POWER

TQS-1000

THE STRONGEST TQS EVER

- Torques from 1.050 to 10.000 Nm
- 4 gears with 15 torque settings each enable a speed of up to 3.5 revolutions per minute
- Torque accuracy of +/- 4
- Brushless PowerDrive motor
- Additional handle for safe handling
- High-strength alloys of the gear parts ensure extremely long operating times under heavy loads
- Modular heavy-duty gearbox now also in use with the TQS: Additional bearings ensure smooth running of the gearbox. Benefit from the reliability of **JUWEL** gearboxes
- Powerful battery technology from Germany (6 Ah)
- Full battery capacity within 30 minutes thanks to quick charger
- Optional: Balancer holder for ergonomic handling
- Special support for high torques



ADVANTAGES

- Mobile bolting with up to 10,000 Nm torque
- No disturbing cables or hoses during use
- Maximum reliability thanks to **JUWEL**'s heavy-duty gear technology

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DEMONSTRATION