

■ **Hydraulic punch driver Kwik Draw™ 7904E**

- ideal for fast, straight-on front panel punching
- Head rotates 180° for maximum flexibility
- Hand operated hydraulic punch driver with 90° head

Suitable for:

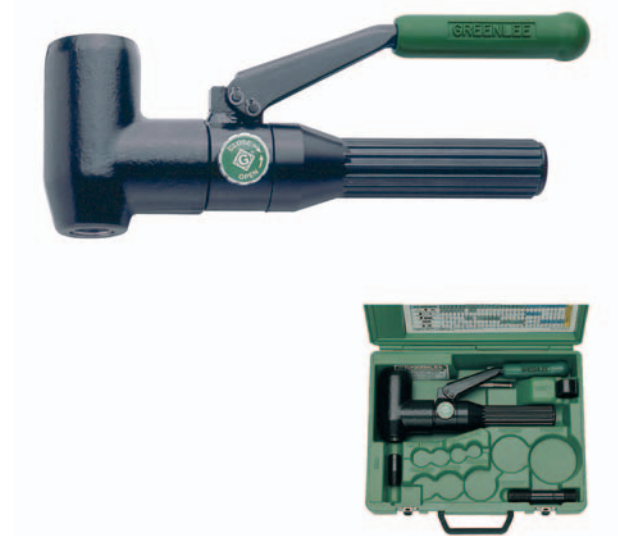
- Special shape punches up to a maximum size of 68 x 68 mm or 35 x 65 mm
- Round punches up to ISO 63 (64 mm Ø)

Characteristics

- Compact design

Technical Data	
Dimensions:	324 mm
Punching force:	80 kN
Weight:	3.35 kg

Item	Part No.	
Kwik Draw 90™ 7904E	50342991	
Scope of supply	Part No.	Page
Hand hydraulic punch driver 7904E	50337866	
Draw studs for hydraulic operation 9.5 X 71 mm	50300431	541
Draw studs for hydraulic operation 19.0 X 105 mm	50318721	541
Spacer , short	50032488	
Adapter	50336972	
Plastic case	50352024	





Battery powered punch driver LS 60 PLUS

Electro-hydraulic punch driver with microprocessor control

- Automatic stop makes the punching tools last longer.
- Automatic retraction
- Automatic battery charge status detection

Suitable for:

- Punches up to 104.8 x 104.8 mm mild steel and 2.0 mm thick.
- Punches 92 x 92 mm or 46 x 92 mm , 68 x 68 mm or ISO 63 (64 mm Ø) round in 3 mm mild steel.
- Suitable for 96 mm round - 2.5 mm in mild steel.
- Suitable for Slug Splitter up to 64 mm round - 2.5 mm stainless steel.

Technical Data	
Punching force:	60 kN
Weight:	3.9 kg
Punching time:	5s at Ø 22.5 mm, 3mm mild steel 12s at Ø 61.5 mm, 3 mm mild steel 90 punches/battery at Ø 22.5 mm and 3.5 mm mild steel 170 punches/battery at Ø 22.5 mm and 3.5 mm mild steel 250 punches/battery at Ø 22.5 mm and 2.5 mm mild steel
Head outside diameter:	54 mm
Piston stroke:	22 mm
Total height:	292 mm
Width:	79 mm

Item	Part No.	
Battery powered punch driver LS 60 PLUS	LS60PLUS	
Scope of supply	Part No.	Page
Draw studs for hydraulic operation 9.5 X 71 mm	50300431	541
Draw studs for hydraulic operation 19.0 X 135 mm	50032941	540
Spacer , short	50032488	
Adapter 19.0 x 48 mm with internal thread 9.5 mm	50339672	545
Kwik Stepper™ step bit 12.7 mm	50344102	588
Steel carrying case	MKLS60	
Impulse charger 230V	LG4GL	
Battery 12 V / 3.0 Ah NiMH	RA5	350

Accessories	Part No.	Page
Impulse charger 230V	LG4GL	
Quick charger 230V	LG5GL	
Steel carrying case	MKLS60	
Mains set 230V	NG1230GL	

Hydraulic punch driver

With handpump, hose and cylinder

Compact design

Suitable for:

- All punches
- Up to 143.7 mm round and 138 x 138 mm square
- Suitable up to 3 mm mild steel and 3.5 mm stainless steel (depending on punch size)

Operation:

- Hydraulic

Characteristics

- With handpump, hose and cylinder
- Covers ranges up to 138 x 138 mm



Technical Data	
Punching force:	110 kN
Weight:	8.3 kg

Item	Part No.	
Hydraulic punch driver with handpump, hose and cylinder	50159062	
Scope of supply	Part No.	Page
Hydraulic cylinder	50170910	
Draw studs for hydraulic operation 19.0 X 135 mm	50032941	540
Adapter 28.6 x 76 mm	50031708	540
Draw studs for hydraulic operation 9.5 X 71 mm	50300431	541
Spacer , short	50032488	
Spacer bush, centre	50032496	
Spacer long	50069047	
Kwik Stepper™ step bit 12.7 mm	50344102	588
Hydraulic hand pump 767	50132849	413
High pressure hose	50063022	



Hydraulic punch drivers

With footpump, hose and cylinder



Suitable for:

- For all punches
- Up to 143.7 mm round and 138 x 138 mm square
- Suitable up to 3 mm mild steel and 3.5 mm stainless steel (depending on punch size)

Operation:

- Hydraulic

Characteristics

- With footpump, hose and cylinder
- Covers ranges up to 138 x 138 mm

Technical Data	
Punching force:	110 kN
Weight:	15.2 kg

Item	Part No.	
Hydraulic punch drivers with footpump, hose and cylinder	50250973	
Scope of supply	Part No.	Page
Hydraulic cylinder	50170910	
Draw studs for hydraulic operation 19.0 X 135 mm	50032941	540
Adapter 28.6 x 76 mm	50031708	540
Draw studs for hydraulic operation 9.5 X 71 mm	50300431	541
Spacer , short	50032488	
Spacer bush, centre	50032496	
Spacer long	50069047	
Kwik Stepper™ step bit 12.7 mm	50344102	588
Hydraulic foot pump 1725	50313533	414
High-pressure hose 6.4 mm x 3 m	50377299	415

Assembly paste

Suitable for:

- Statically and dynamically high stressed thread connections.

Characteristics

- Increases service life - for statically and dynamically highly stressed thread connections.
- 30 g tube



Item	Part No.
Assembly paste	50115472

Portable C-frame punch driver

- Fast, one shot punching - no predrilling of pilot holes required.

Characteristics

- Punching capacity to 3 mm mild steel, punching range 15.2 to 34.6 mm
- With hydraulic cylinder
- For operation we recommend the hydraulic footpump 1725, Part No. 50313533, the handpump 767, Part No. 50132849 or the electro-hydraulic pump Part No. 50052799



Technical Data	
Throat:	200 mm
Weight:	6.8 kg

Item	Part No.	
Portable C-frame punch driver 1731	50159119	
Scope of supply	Part No.	Page
Punch adapter 9.5 mm	50132768	
Punch adapter 19 mm	50132776	
Punch Pg 16	51040060	
Punch Pg 21	51040080	
Stamp 34.6 mm	50040103	
Die Pg 16 (22.5 mm)	50120875	
Die Pg 21 (28.3 mm)	50120867	
Die 34.6 mm	50120859	
Metal chest	50166344	

Accessories	Part No.	Page
Punch Pg 9 (15.2 mm)	50213164	
Die Pg 9 (15.2 mm)	50185578	
Punch Pg 11 (18.6 mm)	50177001	
Die Pg 11 (18.6 mm)	50185586	
Punch Pg 13 (20.4 mm)	50176978	
Die Pg 13 (20.4 mm)	50185594	
Punch 30.5 mm (oil-tight)	50362828	
Die 30.5 mm (oil-tight)	50371037	
Die ISO 16	50766421	
Die ISO 20	50766438	
Die ISO 25	50766445	
Die ISO 32	50766452	
Punch ISO 16	50351931	
Punch Pg 13 (20.4 mm)	50176978	
Punch ISO 25	50039865	
Punch ISO 32	50244590	



■ Portable C-frame punch driver

- Fast, one shot punching - no predrilling of pilot holes required.

Suitable for:

- For use with standard punches and dies, punching range 15.2 to 115.4 mm

Characteristics

- Punching capacity to 3 mm mild steel, punching range 15.2 to 115.4 mm
- With hydraulic cylinder
- For operation we recommend the hydraulic handpump 755, Part No. 50156772 or the electro-hydraulic pump 50052799

Technical Data	
Throat:	200 mm
Weight:	27 kg

Item	Part No.	
Portable C-frame punch driver 1732	50273612	
Scope of supply	Part No.	Page
Die adapter 9.5 mm	50117912	
Die adapter 19 mm	50117904	
Die adapter 28.6 mm	50117890	
Die adapter 9.5 mm	50132660	
Die adapter 19 mm	50132679	
Die adapter 28.6 mm	50132687	
Hexagon nut	90542657	
Metal box	50273353	

Hydraulic punching head LSK 120

Basic tool

- **Fast and precise cutting**
- **Punching in just a few seconds**
- **Compact design permits working in tight areas**

Suitable for:

- For punching aluminium and copper up to 10 mm thick.
- Hole diameter: 6.5 - 17 mm
- Centric punching: 120 mm max. material width

Technical Data	
Max. operating pressure	max. 700 bar
Max. compressive force	160 kN
Dimensions (L x B x H):	234 x 174 x 88 mm
Weight:	approx. 9.5 kg

Item	Part No.
Hydraulic punching head LSK 120	50052110

Accessories	Part No.	Page
Punches and dies Ø 6.5 mm	50052276	565
Punches and dies Ø 8.5 mm	50052284	
Punches and dies Ø 11.0 mm	50052292	
Punches and dies Ø 13.0 mm	50052306	
Punches and dies Ø 15.0 mm	50052314	
Punches and dies Ø 17.0 mm	50052322	

Accessories	Part No.	Page
Metal box	50052390	

