

Force for punched holes to 143.7 mm.

Hydraulic punches for manual and battery powered operation.

No matter whether hand, foot or battery powered, all hydraulic punches serve just one purpose: punching holes. Yet, contrary to popular belief, personal preferences have very little to do with choosing a punch. The punches are suitable for various applications or for holes up to certain sizes.

In addition, each punch has its own particular features that come into their own depending on the application.



- Hydraulic punches for hand operation with straight head.
- Hydraulic punches for hand operation with angled and rotating head.
- Hydraulic punches for foot operation.
- Hydraulic punches for battery and mains operation.



Greenlee punching tools permit punching operations in various shapes and sizes.

■ Battery powered punch for every angle: *LS 50-L FLEX*

- ▶ Head rotatable through 360°.
- ▶ Compact design with high punching force of 60 kN and automatic limit switch.

Benefits:

- ▶ Effortless operations even in difficult areas thanks to ergonomic and lightweight design.
- ▶ Can be used with all Greenlee round and special shaped punches.
- ▶ The integrated control preserves the tools and significantly increases service life, thereby saving you money.



■ *LS 60-L: Punches 60 mm (PG48) holes in 8 seconds and shuts off automatically.*


- ▶ Punches 60 mm (PG48) holes in ST37 up to 3 mm in just 8 seconds.
- ▶ **Integrated micro processor control shuts off motor once punching operation is complete.**

Benefits:

- ▶ Considerably faster punching operations save you time.
- ▶ The integrated control **preserves the tools and significantly increases service life**, thereby saving you money.

▶ More on Page 549.

■ Features of hydraulic punches.

	Hand operation	Foot operation	Battery/mains operation	Max. hole, round	Max. hole, square	Max. punching force	Auto-matic shut-off
Quick Draw™ 	✓			64 mm	68 x 68 mm	80 kN	
Quick Draw™ 90° 	✓			64 mm	68 x 68 mm	80 kN	
LS 50-L FLEX 			✓	143.7 mm	104.8 x 104,8 mm	60 kN	✓
LS 60-L 			✓	96 mm	104.8 x 104,8 mm	60 kN	✓
Hydraulic punch with hand pump 	✓			143.7 mm	138 x 138 mm	110 kN	
Hydraulic punch with foot pump 		✓		143.7 mm	138 x 138 mm	110 kN	