

Suggested Toolkit for LGS Framing

(Carpenter/Frame Installer)

Note: This is not an exhaustive list. Discuss with your Light Gauge Steel (LGS) frame fabricator their specific requirements. Products mentioned are for indicative purposes only and not aligned to any brand.



Battery power tools

Start up kit

- Drill/Driver[°]
- 18V Compact Brushless 3 Stage Impact Driver[°]
- 18V Cold Cut Saw (battery operated mostly preferred)
- 18V Brushless 125mm Angle Grinder^{°*}
- Cutting Guard for Angle Grinder[°]
- 18V Brushless ½" Impact Wrench
- 18V Brushless 24mm Rotary Hammer[°] (with dust extractor)
- 6.0 Ah batteries[°]
- Twin Battery Bank Charger[°]

Power tools

Extended kit

- Gas/Battery Drive Gun (or pneumatic) for Wall Wrap/Cladding (may also be suitable for temporary pinning of wall frame - check application suitability)
- Powder Actuated Nail Gun (i.e. explosive fixing gun) (for temporary pinning/fastening of wall frame)
- Quik Drive Drill and Attachment/Extension (for screwing flooring to joists)

Safety*

- Eye Protection[°]
- Hearing Protection (when using power tools)[°]
- Protective Gloves (min cut resistant 3)
- Steel Capped Footwear[°]
- Long Sleeved Shirts/Long Cotton Drill Pants[°]
- First Aid Kit[°]

[°] Denotes items likely to already be included in carpenter's toolkit

* Use of Angle Grinder with appropriate metal cutting blade should be limited and Cold Cut Saw with appropriate blade should be used wherever possible (refer to BlueScope Technical Bulletin TB-34 *Steel Building Frames*)

Accessories

Start up kit

- 125mm Thin Metal Grinder Cutting Blades X10^{0*}

- 7pc SDS Plus Drill Bit Set⁰ (SDS shank/shaft is for rotary hammer)
1 each 5mm/6mm/8mm x 110mm
1 each 6/8/10/12 x 160mm

- Impact Socket Set
(for impact wrench)

- 5/16 x 150mm Magnetic Nut Setter (most commonly used with impact driver - if not available use 200mm)

- 5/16 x 65mm Magnetic Nut Setter⁰ (hex head bit commonly used with impact driver)

- PH2 x 50mm Power Drive Bit⁰
(for use with impact driver/
can use with drill also)

- PH3 x 50mm Power Drive Bit
(for use with impact driver/
can use with drill also)

- PH2 x 150mm Power Drive Bit
(for use with impact driver/
can use with drill also)

- PH3 x 150mm Power Drive Bit
(for use with impact driver/
can use with drill also)

- 32mm Tungsten Tipped Metal Hole Saw
(for use with drill/driver)
OR 4-32mm High Speed Step Drill
Bit (Xmas tree bit) (for use with
drill/driver)

- Metal TCT S/BLADE 150 x 20 x 48T (for cold saw)

Accessories

Extended kit

- 5/16 x 300mm/450mm/600mm etc.
Nut Setter (magnetic or ball bearing
pressurised)

Hand tools

- Tool/Nail Bag⁰

- Tin Snips - Straight⁰, Left and Right

- 1200mm Spirit Level⁰

- 300mm Magnetic Spirit Level

- Carpenter's Square
- Combination 45/90 Degree⁰

- String Lines (chalked and unchalked)⁰
and Line Marking Chalk⁰

- Magnetic Measuring Tape

- Permanent Marker Pens (fine)⁰

- Large 'C' Mouth 280mm Spring Loaded
Clamps (OR adjustable
quick grip G clamps 300mm)

- Locking Sheet Metal Clamps
(duck nosed pliers)

- Hammer⁰

- Stanley Knife
(for ad hoc packaging etc.)

⁰ Denotes items likely to already be included in carpenter's toolkit

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