

Overview

Power Tools



Products for sheet metal processing

Innovative
tools –
for more than 80 years.

As far back as 1934, TRUMPF began manufacturing power tools for use at building sites and in job shops. Today, the TRUMPF Group employs approximately 12,000 people in more than 70 subsidiaries and is a world leading manufacturer of production technology equipment. We continue to produce innovative tools for cutting, joining and beveling sheet metal in many industries. All machines are “made in Switzerland”.





5-year warranty

As a user you will benefit from the exceptional quality of our products in your day-to-day work.

TRUMPF's products are a promise of quality - we offer an extended 5 year warranty on our TruTools.

TRUMPF accessories and repair parts are produced exclusively for our TruTools. Perfect compatibility allows you to work more efficiently and consistently, obtaining perfect results. Original accessories and repair parts are stocked in the U.S. and available for shipment.



Technical Data

| TruTool | | C160 / C 160 with chip clipper | C 160 / C160 with chip clipper Cordless 10.8 Volt Li-Ion Battery | C 250 with chip clipper | C 250 with 18 Volt Li-Ion Battery |
|-------------------------|----------|-----------------------------------|---|-------------------------|--------------------------------------|
| Max. sheet thickness | | .040 – .063 in. | .063 in. | .060 – .105 in.* | .060 – .105 in.* |
| Steel 57,000 | in. | .063 | .063 | .105 | .105 |
| Steel 85,000 | in. | .048 | .047 | .063 | .063 |
| Aluminium | in. | .080 | .080 | .138 | .138 |
| Working speed | ft /min. | 20 – 33 | 16-29 | 9 – 33 | 9 – 33 |
| Start hole diameter | in. | .60 | .60 | .875 | .875 |
| Smallest radius | in. | 3.5 | 3.5 | 6 | 6 |
| Rated input power | W | 350 | 10.8 V | 550 | 18 V |
| Strokes at nominal load | 1 / min | 3800 | 4300 | 2400 | 2400 |
| Weight without cable | lbs. | 3 | 4.2 | 4.6 | 5 |

| TruTool | | PN 201 | PN 201 18 Volt Li-Ion Battery | PN 200 | PN 200 18 Volt Li-Ion Battery | PN130 Cordless Li-Ion Battery | TruTool | | TPC 165 |
|-------------------------|----------|--------|----------------------------------|--------|----------------------------------|----------------------------------|-------------------------|---------|---------|
| Max. sheet thickness | | | | | | | | | |
| Steel 57,000 | in. | .080 | .080 | .080 | .080 | .050 | Max. panel | in. | 6.5 |
| Steel 85,000 | in. | .063 | .063 | .063 | .063 | .030 | Max. sheet | in. | .035 |
| Steel 114,000 | in. | .040 | .040 | .040 | .040 | | | | |
| Aluminium | in. | .118 | .118 | .138 | .138 | .080 | | | |
| Working speed | ft / min | 6.5 | 6.5 | 6.5 | 6.5 | 8 | Working speed | ft/min | 13 |
| Start hole diameter | in. | 1 | 1 | 1 | 1 | .6 | Cut width | in. | .157 |
| Smallest radius | in. | 2 | 2 | 2 | 2 | 1 | | | |
| Rated input power | W | 550 | 550 | 500 | 500 | 1800 | Rated input power | W | 1400 |
| Strokes at nominal load | 1 / min | 1550 | 1550 | 1540 | 1540 | 2600 | Strokes at nominal load | 1 / min | 2300 |
| Weight without cable | lbs. | 4.4 | 4.4 | 4 | 4.4 | 3.1 | Weight without cable | lbs. | 21 |

| TruTool | | F 125 | F 140 | F 300 | F 300 18 Volt Li-Ion Battery | F 300 with 1200 W motor | F 301 | F 301 18 Volt Li-Ion Battery |
|---|-------------|------------|-------------|-------------|---------------------------------|----------------------------|-------------|---------------------------------|
| Max. sheet thickness | | | | | | | | |
| Steel 57,000 (min.) | in. | .050 | .055 | .030 – .050 | .030 – .050 | .030 – .050 | .018 – .040 | .018 – .040 |
| Steel 14,000 (max.) | in. | | .024 | | | | | |
| Edge length (H) | in. | 1.625 | .39 – .59 | | | | | |
| Flange height (B) | in. | | .315 – .472 | .315 – .500 | .315 – .500 | .354 – .500 | .315 – .437 | .315 – .437 |
| Gauge | | | | 22-18 | 22-18 | 22-18 | 26-19 | 26-19 |
| Min. Flange height | in. | | | .35 / .5 | .35 / .5 | .35 / .5 | .312-.430 | .312-.430 |
| Working speed | ft / min | 16 – 20 | 20 – 33 | 13 – 23 | 13 – 23 | 21 – 34 | 13 – 23 | 13 – 23 |
| Smallest inner radius (preformed) | in. | | 12 | 6 | 6 | 6 | 6 | 6 |
| Smallest outer radius | in. | | 20 | 12 | 12 | 12 | 12 | 12 |
| Rated input power / Strokes at nominal load | W / 1 / min | 500 / 1850 | 550 | 550 | 550 | 1200 | 550 | 550 |
| Weight without cable | lbs. | 6 | 9 | 12 | 13.2 | 13.5 | 11 | 13 |

| TruTool | | TKA 500 | | |
|-----------------------|------|---------|------|------|
| Bevel angles | | 30° | 45° | 60° |
| Max. bevel height | | | | |
| Steel 57,000 | in. | .170 | .138 | .098 |
| = bevel length | in. | .198 | .198 | .198 |
| Min. sheet thickness | in. | .032 | .032 | .032 |
| Smallest inner radius | in. | .50 | .50 | .50 |
| Rated input power | W | 1400 | 1400 | 1400 |
| Weight without cable | lbs. | 8 | 8 | 8 |

Technical Data

| TruTool | | S 160 | S 250 | S 250 18 Volt Li-Ion Battery | S 350 | S 450 | S 114 10.8 Volt Cordless Li-Ion battery | S 160 Cordless Li-Ion battery |
|-----------------------------|----------|---------|---------|---------------------------------|-----------------|---------------|--|----------------------------------|
| Max. sheet thickness | | | | | | | | |
| Steel 57,000 | in. | .063 | .105 | .105 | .138 | .180 | .063 | .063 |
| Steel 85,000 | in. | .048 | .080 | .080 | .118 | .138 | .040 | .048 |
| Steel 114,000 | in. | .040 | .063 | .063 | .080 | .105 | | .040 |
| Aluminium | in. | .080 | .120 | .120 | .160 | .200 | .080 | .080 |
| Working speed | ft / min | 26 – 39 | 13 – 23 | 13 – 23 | 13 – 20 | 13 – 20 | 20 – 42 | 16 – 29 |
| Start hole diameter | in. | 1.062 | 1.102 | 1.102 | 2 | 3 | | 1.062 |
| Smallest radius | in. | .60 | .787 | .787 | R 1.181 / L .63 | R 1.378 / L 1 | 2.375 | .60 |
| Throat depth | in. | | | | | | 1.187 | |
| Rated input power | W | 350 | 550 | 18 V | 1400 | 1400 | 1.8 V | 10.8 V |
| Strokes at nominal load | 1 / min | 4800 | 1760 | 1300 | 1600 | 1600 | 4200 | 4300 |
| Weight without cable | lbs. | 3.5 | 5 | 5.5 | 12 | 14 | 3.7 | 3.5 |

| TruTool | | N 200 | N 200 18 Volt Li-Ion Battery | N 350 | N 500 | N 700 | N 1000 1. / 2. speed |
|-----------------------------|----------|-------|---------------------------------|-------|-------|-------|-------------------------|
| Max. sheet thickness | | | | | | | |
| Steel 57,000 | in. | .080 | .080 | .138 | .198 | .276 | .394 / .315 |
| Steel 85,000 | in. | .063 | .063 | .090 | .125 | .198 | .276 / .198 |
| Steel 114,000 | in. | .040 | .040 | .070 | .105 | .138 | .198 / .160 |
| Aluminium | in. | .105 | .105 | .138 | .276 | .390 | .472 / .394 |
| Working speed | ft / min | 5.5 | 4.3 | 4.5 | 4.5 | 4 | 3.3 – 5 |
| Start hole diameter | in. | .670 | .670 | 1.187 | 1.625 | 3 | 3 |
| Smallest radius | in. | .157 | .157 | .275 | 3.5 | 5.5 | 12 |
| Rated input power | W | 550 | 18 V | 1400 | 1400 | 1600 | 2000 |
| Strokes at nominal load | 1 / min | 1450 | 1200 | 720 | 720 | 300 | 230 / 370 |
| Weight without cable | lbs. | 5.6 | 3.7 | 8 | 9 | 18 | 32 |

| TruTool | | TF 350 | TF 350 18 Volt Li-Ion Battery |
|-----------------------------|------|--------|----------------------------------|
| Max. sheet thickness | | | |
| Steel 57,000 | in. | .138 | .138 |
| Steel 85,000 | in. | .105 | .105 |
| Aluminium | in. | .160 | .160 |
| Min. sheet thickness | in. | .032 | .032 |
| Locking power max. | lbs. | 300 | 300 |
| Max. stroke power | 1/s | 2 | 2 |
| Edge clearance min. | in. | .312 | .312 |
| Edge clearance max. | in. | 2.28 | 2.28 |
| Flange height max. | in. | 1.417 | 1.417 |
| Rated input power | W | 1400 | 18 V |
| Weight without cable | lbs. | 18.2 | 17.8 |

| TruTool | | TKF 700 | | |
|--------------------------|----------|----------|----------|----------|
| Bevel angles | | 30° | 37.5° | 45° |
| Max. bevel height | | | | |
| Steel 57,000 | in. | .100 | .170 | .200 |
| = bevel length hs | in. | .276 | .276 | .276 |
| Sheet thickness | in. | .04–.790 | .04–.790 | .04–.790 |
| Smallest radius | in. | 1.625 | 1.625 | 1.625 |
| Working speed | ft / min | 5 | 5 | 5 |
| Rated input power | W | 1400 | 1400 | 1400 |
| Strokes at nominal load | 1 / min | 720 | 720 | 720 |
| Weight without cable | lbs. | 12 | 12 | 12 |

| TruTool | | TKF 1500 | |
|-----------------------------|----------|----------------------|------------|
| Bevel angles (Standard) | | 20 – 45° / 20 – 55°* | 20 – 45° |
| Max. bevel height | | 1 speed | 2 speed |
| Steel 57,000 = bevel length | in. | .60 | .60 |
| Sheet thickness | in. | .160 – 1.5 | .160 – 1.5 |
| Smallest radius | in. | 2.187 | 2.187 |
| Working speed | ft / min | 6.5 | 4 |
| Rated input power | W | 2600 | 2600 |
| Strokes at nominal load | 1 / min | 370 | 230 |
| Weight without cable | lbs. | 36 | 43 |

Applications

Cutting

Slitting Shears: TruTool C

The shearing principle allows material deformation without material loss through chips. In shearing, the material is cut at a high speed and the total shear force of the moving blade is exerted on the fixed blade.

- Ideal for C-L-U profiles
- Fast cutter exchange
- Available with chip clipper
- Standard & SS cutters
- HVAC incl. spiral-seam duct
- Construction incl. C profiles
- Auto body shops
- Aviation

Shears: TruTool S

Slitting shears produce no deformation of the metal. Unlike "traditional" shears, slitting shears have two fixed blades side by side. The center blade performs an up and down motion and the cut is made during the upwards movement. The scrap material rolls up in a spiral.

- Precise counting
- Chip-free cutting
- Clear view of cutting line
- Versatile cutting
- Electrical fitters
- Plumbing & HVAC
- Auto body shop
- Elevators

Cutting

Nibblers and Profile Nibblers: TruTool N and TruTool PN

The nibbling principle is cutting with a fast succession of punching strokes. The punch moves up & down nibbling a cut into the sheet metal. The scrap material falls in the form of chips. This is a cold process with no heat influence, and no dust, gas or smoke emissions. The punching force is absorbed by the die holder.

- Emissions-free process
- Distortion-free cutting
- For C, L & U profiles
- Trapezoid, corrugated/flat sheets
- Disassembly of tanks
- Roof & facade construction
- Encasings & covers
- Auto body shops

Panel Cutters: TruTool TPC

The panel cutter can cut through polyurethane insulated panels in one operation, whether panel has flat, trapezoidal or corrugated surface. Crosscuts and right-angle cuts to interior cutouts and notches, cutouts in preinstalled panels are easily performed. Separation of panels is also possible.

- Precise right-angle cut outs
- Interior cut-outs & notches
- Single operation
- Cuts pre-assembled panels
- Roofing & facade
- HVAC
- Construction
- Container manufacturing

Fastening

Seam Lockers: TruTool F

The seam lockers can lock Pittsburgh seams in a self-powered, silent roll forming process. Bending takes place in three stages; 30°, 75° and 90°. The surface structure is undamaged and the machine automatically adapts to different sheet thicknesses.

- On-site processing
- Straight & curved ducts
- Consistent, tight seam locking
- Pittsburgh style ducts
- HVAC
- Chimney work
- Industrial ventilators
- Construction

Power Fasteners: TruTool TF

A punching and forming process; metal sheets are placed on top of one another. The tool cuts a strip into both parts in a combined punching and forming press. The sheets are joined together in a forming fitting seam, locking them in a permanent connection using no heat, rivets, screws or any additional material.

- Corrosion resistant
- Cold-form fastening
- Replaces screws & rivets
- Stationary or portable use
- Ventilation & climate control
- Containers
- Electric & chemical appliances
- HVAC

Bevelling

Deburrers: TruTool TKA

In deburring, oxide-free bevels are produced with a rotary motion of the cutter. The machine does not need to be clamped to the workpiece, simply guided along the edge. A blade wheel guides the machine. The machine breaks or rounds off sharp edges or prepare small weld seams. Emissions & refinishing free process.

- Oxide-free edges
- Contours and pipes
- 30°, 45°, 60°, radius edges
- Emissions-free
- Steelwork
- Railroad cars
- Machine mnfg
- Job shops

Bevellers: TruTool TKF

The bevellers allow preparation of high quality weld seams in a single operation. The process is emissions free and oxides ensure metallurgically free, K, V, X and Y edges. Material is pushed away while machining, in a single step. Zero sparks process and minimal heat.

- Emissions-free
- Variety contours & pipes
- Stationary & portable use
- High durable weld seams
- Locksmiths
- Commercial vehicles
- Boilers
- Ship building

Tool Overview

TruTool C 160



= .063 in.
 = 3 lbs.

**TruTool C 160
with chip clipper**



= .063 in.
 = 3 lbs.

**TruTool C 250
with chip clipper**



= .105 in.
 = 4.6 lbs.

TruTool S 160



= .063 in.
 = 3.5 lbs.

TruTool N 200



For profiles:
 = .080 in.
 = 5.6 lbs.

TruTool N 350



For profiles:
 = .138 in.
 = 8 lbs.

TruTool N 500



For profiles:
 = .198 in.
 = 9 lbs.

TruTool N 700



For profiles:
 = .276 in.
 = 18 lbs.

TruTool F 125



Edge length: = 1.6 in.
 = .048 in.
 = 6 lbs.

TruTool F 140



B = .512 in.
 = 0.55 in.
 = 9 lbs.

TruTool F 300



B = .354 in.
 = .050 in.
 = 12 lbs.

TruTool F 301



B = .312 in.
 = .040 in.
 = 11 lbs.

TruTool TKA 500



h_s = .157 in.
 = 8 lbs.

TruTool TKF 700



h_s = .276 in.
 = 12 lbs.

TruTool TKF 1500



h_s = .600 in.
 = 36 lbs.

**TruTool TKF 1500
with 2 speeds**



h_s = .600 in.
 = 43 lbs.

= Maximum sheet thickness - mild steel

= bevel length - mild steel

= weight

Information subject to change

TruTool S 250



↑ ↓ = .105 in.
▲ = 5 lbs.

TruTool S 350



↑ ↓ = .138 in.
▲ = 12 lbs.

TruTool S 450



↑ ↓ = .177 in.
▲ = 14 lbs.

TruTool N 1000



↑ ↓ = .394 in.
▲ = 32 lbs.

TruTool PN 200



↑ ↓ = .080 in.
▲ = 4 lbs.

TruTool PN 201



For profiles:
↑ ↓ = .080 in.
▲ = 4.4 lbs.

TruTool TPC 165



For profiles:
↑ ↓ = .035 in.
▲ = 21 lbs.

TruTool TF 350





↑ ↓ = .138 in.
▲ = 18.2 lbs.

Cordless Tools Overview



TruTool C 160
cordless Li-ion battery



 = .063 in.
 = 4.2 lbs.



TruTool C 160
cordless with chip clipper
Li-ion battery



 = .063 in.
 = 4.2 lbs.



TruTool S 160
cordless Li-ion battery



 = .063 in.
 = 4.25 lbs.



TruTool C 250
cordless Li-ion battery



 = .105 in.
 = 5 lbs.



TruTool S 250
cordless Li-ion battery



 = .105 in.
 = 5.5 lbs.



TruTool PN 130
cordless Li-ion battery



For profiles:
 = .050 in.
 = 3.1 lbs.



TruTool N 200
cordless Li-ion battery



 = .080 in.
 = 3.7 lbs.



TruTool PN 200
cordless Li-ion battery



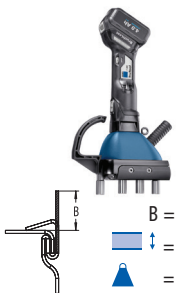
For profiles:
 = .080 in.
 = 4.4 lbs.



TruTool PN 201
cordless Li-ion battery



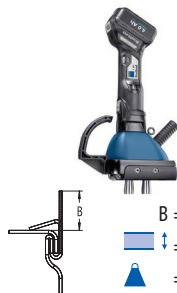
For profiles:
 = .080 in.
 = 4.4 lbs.



TruTool F 300
cordless Li-ion battery



 = .050 in.
 = 13.2 lbs.



TruTool F 301
cordless Li-ion battery



 = .040 in.
 = 13 lbs.


TruTool TF 350
cordless Li-ion battery



 = .138 in.
 = 17.8 lbs.

TruTool DD 1010
cordless Li-ion battery



 = 2 lbs.

Processes

Slitting Shears: TruTool C



Shears: TruTool S



Nibblers: TruTool N



Profile Nibblers: TruTool PN



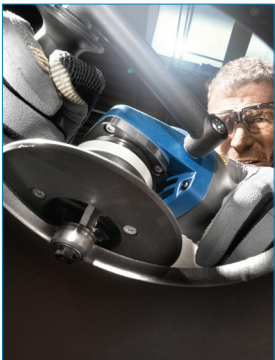
Seam Lockers: TruTool F



Power Fasteners: TruTool TF



Deburrers: TruTool TKA



Bevellers: TruTool TKF



TRUMPF Special Machine: TruTool TSC 100 Slat Cleaner



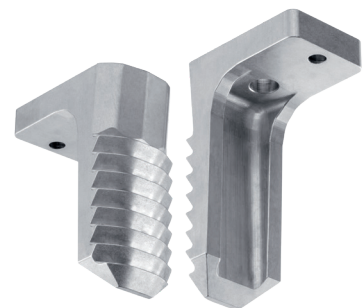
Clean support slats improve laser cutting machine process stability and finished part quality. With the TruTool TSC 100 slat cleaner you can clean support slats quickly and reliably, saving money at the same time.

- Operating the slat cleaner is easy
- High working speed
- Automatically adapts to different slag thicknesses
- On flatbed laser machines with a pallet changer, cleaning takes place during production
- One-man operation

Application :

- With the TruTool TSC 100, you can clean the support slats of your laser cutting machines

| Technical data | | TruTool TSC 100 |
|------------------------------------|----------|-----------------|
| Support slat thickness | in. | .079 – 0.155 |
| Max. slag thickness | in. | 1 |
| Min. spacing between support slats | in. | 1.319 |
| Working speed | ft / min | 13 – 26 |
| Rated input power | W | 1200 |
| Weight | lbs | 41 |



TRUMPF is certified according to ISO 9001:2008

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