

NEW



Milwaukee®

M12 M18

PRESS SOLUTIONS GUIDE



LEARN
MORE



or visit
<https://qr.mke.tl/2skqx>



REDLITHIUM™

WHY PRESS?

Press is a method of joining pipe that uses force to make a connection, eliminating the need to solder, groove, braze, thread or weld. Utilizing only three short steps, connections can be completed up to 50% faster than traditional methods and involve no open flame. Most importantly, press eliminates the need to drain and dry a system, enabling fast, professional repairs and increased productivity on service calls.

TRADITIONAL METHODS



OPEN FLAME

- Burn permit required
- Fire watch required

S W B



TEDIOUS PROCESS

- Extensive set-ups & pre-planning
- Multi-step installation process

S W B T



TEST & REPEAT

- Occasional pin hole leaks

S W B



MESSY

- Oily
- Metal shavings & debris
- Slag
- Joining material residue

S W B T



SHUTDOWNS

- Must drain system
- Lengthy shutdowns

S W B



MORE EQUIPMENT

- Multiple systems, several connection methods required
- Numerous consumables
- Corded

S W B T



NITROGEN PURGE REQUIRED

- Required to prevent corrosion

B

PRESS



FLAMELESS CONNECTIONS

- Safer installations



UP TO 60% TIME SAVINGS

- Complete press cycles in approximately 4 seconds



RELIABLE CONNECTIONS

- Green light press verification
- Over one billion fittings installed



CLEAN

- No metal shavings or debris
- No oily mess
- No separate work stations



MINIMAL DOWNTIME

- Works on wet systems
- Faster repairs



LESS TOOLS

- One tool, multiple systems
- Minimized consumables
- Cordless



NO NITROGEN PURGES

- Eliminates corrosive residue

WHY FORCELOGIC™?

FORCE LOGIC™ is engineered to not only improve upon, but fundamentally change the way high-force tools are used in the field. Through thoughtful design focused on workflow, each tool simplifies a complicated process to deliver the best user experience of its kind. Whether it's the M18™ FORCE LOGIC™ 2" – 3" ProPEX® Expander that auto-rotates and auto-cycles for the most consistent installs or the M18™ FORCE LOGIC™ Press Tool's in-line design and easy open jaw that lets presses be made anywhere a user can reach, FORCE LOGIC™ always delivers the smartest way to work.



ACCESS

Lightest, in-line design for unrivaled access



ALIGN

Easy open jaw for one-handed use



PRESS

Auto-cycle ensures full press every time





PRESS APPLICATIONS

M18 SHORT THROW PRESS TOOL

2674-22C, 2674-22P

Page 12



PEX Water Supply

M12 FORCELOGIC™ PRESS TOOL

2473-22, 2473-20

Page 10



PEX Water Supply

Residential Copper Water Supply

Water Heater & Gas Appliances

Residential Gas Supply

Residential HVAC & Refrigeration

...and More

M18 FORCELOGIC™ PRESS TOOL w/ ONE-KEY™

2922-22, 2922-20

Page 8



PEX Water Supply

Residential Copper Water Supply

Water Heater & Gas Appliances

Residential Gas Supply

Residential HVAC & Refrigeration

Commercial Copper Water Supply

Commercial Gas Supply

Commercial Fire Protection

Industrial Gases & Fluids

Chiller Systems & Hydronics

Variable Refrigerant Flow (VRF)

...and More

M18 FORCELOGIC™ LONG THROW PRESS TOOL

2773-22L, 2773-20L

Page 6



PEX Water Supply

Residential Copper Water Supply

Water Heater & Gas Appliances

Residential Gas Supply

Residential HVAC & Refrigeration

Commercial Copper Water Supply

Commercial Gas Supply

Commercial Fire Protection

Industrial Gases & Fluids

Chiller Systems & Hydronics

Variable Refrigerant Flow (VRF)

XL Industrial Gases & Fluids

XL Chiller Systems & Hydronics

XL Gas Supply

...and More

INCREASED VERSATILITY



THE SMALLEST, MOST INTELLIGENT PRESS TOOL

M18™ FORCE LOGIC™
Long Throw Press Tool Kit
2773-22L



ADJUST



Adjustable stroke for
optimized cycle time

ACCESS



Lightest, in-line design
for unrivaled access

PRESS



Longest calibration
interval, 50,000 cycles



SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
Force	7,200 lbs
Pipe Capacity	1/2" – 4" (Varies by Material)
Approx. Cycle Time	4 Second Stroke (8 Second Extended Stroke)
Calibration Interval	50,000 Cycles
Length (without battery & jaw)	18.3"
Weight (without battery & jaw)	7.3 lbs

KITS

**M18™ FORCE LOGIC™
Long Throw Press Tool
Kit w/ 1/2" - 1" SS Jaws**
2773-22L

Includes: 2773-20L Long Throw Press Tool, (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, 49-15-2650S 1/2" AnvilPress™ SS Jaw, 49-16-2651S 3/4" AnvilPress™ SS Jaw, 49-16-2652S 1" AnvilPress™ SS Jaw, Multi-Voltage Charger and Carrying Case.



**M18™ FORCE LOGIC™
Long Throw Press
Tool Kit**
2773-20L

Includes: 2773-20L Long Throw Press Tool, (2) M18™ REDLITHIUM™ XC3.0 Battery Packs, Multi-Voltage Charger and Carrying Case. Jaws Not Included.



CTS



IPS



REQUIRES RING JAWS



PEX



COMPATIBILITY

FITTING MFR	Viega®							
FITTING SYSTEM	ProPress® up to 4"	ProPress® G up to 2"	ProPress® Stainless up to 4"	MegaPress® up to 4"	MegaPress® Stainless up to 4"	MegaPress® G up to 4"	MegaPress® FKM up to 4"	PureFlow® PEX Press up to 2"
FITTING MFR	Elkhart	Mueller®	Nibco®	Anvil®		Wolverine Brass®		Standard PEX Fittings
FITTING SYSTEM	APOLLOPRESS® up to 4"	Streamline PRS™ up to 4"	Copper Fittings up to 2"	AnvilPress™ up to 2"	AnvilPress™ Stainless Steel up to 2"	Up to 1"	ASTM F1807 & F2159 PEX Crimp up to 2"	

MATERIAL ICON KEY



For most up to date fitting compatibility information, visit milwaukeeetool.com

THE SMALLEST, MOST INTELLIGENT PRESS TOOL

M18™ FORCE LOGIC™
Press Tool Kit w/ ONE-KEY™
2922-22



ACCESS

Lightest, in-line design for unrivaled access

ALIGN

Easy open jaw for one-handed use

PRESS

Auto-cycle ensures full press every time.

REPORT

Sync Wirelessly

Report Performance

Build Professional Reports

See page 14 for more ONE-KEY™ information



SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
Crimping Force	7,200 lbs
Pipe Capacity	1/2" to 4" Dependent on Fitting System
Approx. Cycle Time	4 Seconds
Calibration Interval	50,000 Cycles
Length (without battery & jaw)	14.1"
Weight (without battery & jaw)	5.3 lbs

KITS

M18™ FORCE LOGIC™
Press Tool Kit
w/ ONE-KEY™ with
1/2" - 2" CTS Jaws
2922-22

Includes: 2922-20 Press Tool w/ ONE-KEY™, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 49-16-2650 1/2" CTS Jaw, 49-16-2651 3/4" CTS Jaw, 49-16-2652 1" CTS Jaw, 49-16-2653 1-1/4" CTS Jaw, 49-16-2654 1-1/2" CTS Jaw, 49-16-2655 2" CTS Jaw, Multi-Voltage Charger and Carrying Case.



M18™ FORCE LOGIC™
Press Tool Kit
w/ ONE-KEY™
2922-20

Includes: 2922-20 Press Tool w/ ONE-KEY™, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, Multi-Voltage Charger and Carrying Case.
Jaws Not Included.



CTS



IPS



REQUIRES RING JAWS



PEX



COMPATIBILITY

FITTING MFR	Viega®							
FITTING SYSTEM	ProPress® up to 4"	ProPress® G up to 2"	ProPress® Stainless up to 4"	MegaPress® up to 2"	MegaPress® Stainless up to 2"	MegaPress® G up to 2"	MegaPress® FKM up to 2"	PureFlow® PEX Press up to 2"
FITTING MFR	Elkhart	Mueller®	Nibco®	Anvil®		Wolverine Brass®	Standard PEX Fittings	
FITTING SYSTEM	APOLLOPRESS® up to 4"	Streamline PRS™ up to 4"	Copper Fittings up to 2"	AnvilPress™ up to 2"	AnvilPress™ Stainless Steel up to 1"	Up to 1"	ASTM F1807 & F2159 PEX Crimp up to 2"	

For most up to date fitting compatibility information, visit milwaukeetool.com

MATERIAL ICON KEY



THE SMALLEST, MOST INTELLIGENT PRESS TOOL

M12™ FORCE LOGIC™
Press Tool Kit
2473-22



ACCESS

Lightest, in-line design for unrivaled access

ALIGN

Easy open jaw for one-handed use

PRESS

Auto-cycle ensures full press every time



SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
Force	5,400 lbs
Pipe Capacity	1/2" – 1-1/2" (Varies by Material)
Approx. Cycle Time	5 Seconds
Calibration Interval	32,000 Cycles
Length (without battery & jaw)	12.6"
Weight (without battery & jaw)	3.8 lbs

KITS

M12™ FORCE LOGIC™
Press Tool Kit
w/ 1/2" - 1" CTS Jaws
2473-22

Includes: 2473-20 Press Tool,
(2) M12™ REDLITHIUM™ CP1.5 Battery Packs,
49-16-2450 1/2" CTS Jaw,
49-16-2451 3/4" CTS Jaw,
49-16-2452 1" CTS Jaw,
Charger and Carrying Case.



M12™ FORCE LOGIC™
Press Tool Kit
2473-20

Includes: 2473-20 Press Tool,
(2) M12™ REDLITHIUM™ CP1.5 Battery
Packs, Charger and Carrying Case.
Jaws Not Included.



CTS



IPS



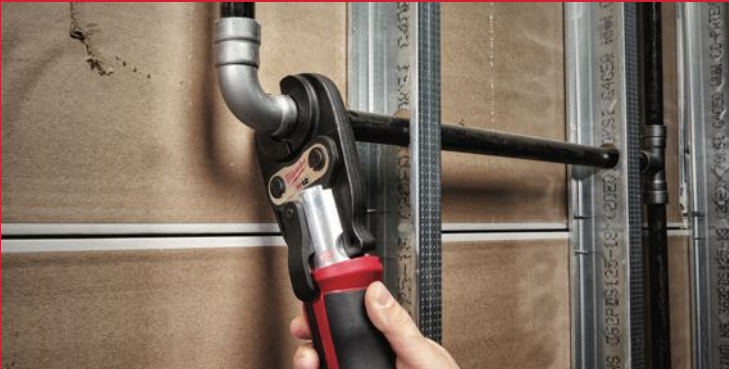
PEX



COMPATIBILITY

FITTING MFR	Viega®							
FITTING SYSTEM	ProPress® up to 1-1/4"	ProPress® G up to 1-1/4"	ProPress® Stainless up to 1-1/4"	MegaPress® up to 3/4"	MegaPress® Stainless up to 3/4"	MegaPress® G up to 3/4"	MegaPress® FKM up to 3/4"	PureFlow® PEX Press up to 1-1/2"
FITTING MFR	Elkhart	Mueller®	Nibco®	Wolverine Brass®	Standard PEX Fittings	ZoomLock™	RLS®	
FITTING SYSTEM	APOLLOPRESS® up to 1-1/4"	Streamline PRS™ up to 1-1/4"	Copper Fittings up to 1-1/4"	Up to 1"	ASTM F1807 & F2159 PEX Crimp up to 1-1/2"	Up to 1-3/8"	Up to 1-3/8"	

For most up to date fitting compatibility information, visit milwaukeeetool.com



MATERIAL ICON KEY



BRANCH TO FIXTURE: FASTEST, EFFORTLESS INSTALLS

M18™ Short Throw Press Tool Kit
w/ Viega® PureFlow® Jaws
2674-22P

M18™ Short Throw Press Tool Kit
w/ PEX Crimp Jaws
2674-22C



SPEED



RUN-TIME



EASY SIZE
CHANGES

SPECIFICATIONS

DESCRIPTION	2674-22P	2674-22C
Capacity	Up to 1"	Up to 1"
Cycle Time	3 Seconds	3 Seconds
Length / Weight	13.5" / 4.8 lbs	13.5" / 4.8 lbs
Available Jaw Sizes	3/8", 1/2", 5/8", 3/4", 1"	3/8", 1/2", 5/8", 3/4", 1"
ASTM Standard	-	F1807 & F2159

KITS

M18™ Short Throw Press Tool Kit
w/ Viega® PureFlow® Jaws
2674-22P

Includes: 2674-20P Short Throw Press Tool, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 49-16-2631P 1/2" Viega® PureFlow® Jaw, 49-16-2633P 3/4" Viega® PureFlow® Jaw, 49-16-2634P 1" Viega® PureFlow® Jaw, Multi-Voltage Charger and Carrying Case.



M18™ Short Throw Press Tool
w/ Viega® PureFlow® Jaws
2674-20P

Includes: 2674-20P Short Throw Press Tool, 49-16-2631P 1/2" Viega® PureFlow® Jaw, 49-16-2633P 3/4" Viega® PureFlow® Jaw, 49-16-2634P 1" Viega® PureFlow® Jaw and Carrying Case.
Battery and Charger Not Included.



M18™ Short Throw Press Tool Kit
w/ PEX Crimp Jaws
2674-22C

Includes: 2674-20C Short Throw Press Tool, (2) M18™ REDLITHIUM™ CP2.0 Battery Packs, 49-16-2631C 1/2" PEX Crimp Jaw, 49-16-2633C 3/4" PEX Crimp Jaw, 49-16-2634C 1" PEX Crimp Jaw, Multi-Voltage Charger and Carrying Case.



M18™ Short Throw Press Tool
w/ PEX Crimp Jaws
2674-20C

Includes: 2674-20C Short Throw Press Tool, 49-16-2631C 1/2" PEX Crimp Jaw, 49-16-2633C 3/4" PEX Crimp Jaw, 49-16-2634C 1" PEX Crimp Jaw and Carrying Case.
Battery and Charger Not Included.



PEX

F1807 & F2159



Viega® PureFlow® PEX Press



COMPATIBILITY

FITTING MFR	Viega®	All Manufacturers
FITTING SYSTEM	PureFlow® PEX Press 3/8" – 1"	ASTM F1807 & F2159 3/8" – 1"

For most up to date fitting compatibility information, visit milwaukeeetool.com



MATERIAL ICON KEY





UNLOCKING THE DIGITAL JOBSITE.™

REPORT. TRACK. MANAGE.™



SMART
TOOL

SYNC
WIRELESSLY

ONLINE + MOBILE
RECORD KEEPING

TOOL REPORTING

1

PRESS

2

MONITOR

3

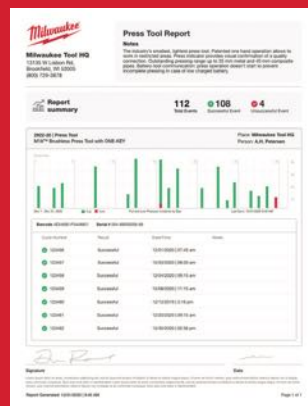
REPORT



AUTO-CYCLE ENSURES FULL
PRESS EVERY TIME WITH A
GREEN LIGHT VERIFICATION



WIRELESS VERIFICATION
OF SUCCESSFUL PRESSES
ON A MOBILE DEVICE



CREATE CUSTOMIZABLE
REPORTS AND SHARE WITH
PROJECT STAKEHOLDERS



CUT, FASTEN, CONNECT,
ON ONE SYSTEM

M12



M12™ Plastic
Pipe Shear Kit
2470-21



M12™ Copper
Tubing Cutter Kit
2471-21



M12 FUEL™
1/4" Hex Impact
Driver Kit
2553-22



M12™ FORCE LOGIC™
Press Tool Kit
w/ 1/2" - 1" CTS Jaws
2473-22

M18



HACKZALL® M18™
One-Handed
Reciprocating
Saw Kit
2625-21



M18 FUEL™
Deep Cut
Band Saw Kit
2729-22



M18 FUEL™
1/4" Hex Impact
Driver Kit
2853-22



M18™ FORCE LOGIC™
Press Tool Kit
w/ ONE-KEY™ with
1/2" - 2" CTS Jaws
2922-22

VISIT [MILWAUKEETOOL.COM/ONE-KEY](https://www.milwaukeetool.com/one-key) FOR MORE INFORMATION

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Google Play and the Google Play logo are trademarks of Google Inc. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Milwaukee Tool is under license. Other trademarks and trade names are those of their respective owners.

DOWNLOAD THE
FREE APP NOW!



OVER 300+ SOLUTIONS
ONE CHARGER