

NEW

Milwaukee

M12 M18

PRESS SOLUTIONS GUIDE



M12

PORTABLE PRODUCTIVITY
TRADE FOCUSED
SYSTEM WIDE



M18

PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE

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

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

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 mefusa.milwaukee.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"	

MATERIAL ICON KEY




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

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 PPS™ 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"	



MATERIAL ICON KEY



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

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 milwaukee.com



IN-LINE DESIGN

- Delivers unrivaled access to tight spaces
- Optimized for one-handed use

REDLINK™ INTELLIGENCE

- Auto-cycle ensures full pressure every time
- Automatically ensures enough charge to complete each press

EASY OPEN JAW

Designed for opening using just one thumb, providing true one-handed use

REDLITHIUM™ BATTERIES

Up to 400 1" connections per charge on an M18™ REDLITHIUM™ CP2.0 Battery Pack



MATERIAL ICON KEY



PEX

ONE KEY™

UNLOCKING THE DIGITAL JOBSITE.

REPORT. TRACK. MANAGE.



**CUT, FASTEN, CONNECT,
ON ONE SYSTEM**



SMART
TOOL

SYNC
WIRELESSLY

ONLINE + MOBILE
RECORD KEEPING

TOOL REPORTING

1

PRESS



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

2

MONITOR



WIRELESS VERIFICATION
OF SUCCESSFUL PRESSES
ON A MOBILE DEVICE

3

REPORT



CREATE CUSTOMIZABLE
REPORTS AND SHARE WITH
PROJECT STAKEHOLDERS

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 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