

NEW



M12 **M18**

PRESS SOLUTIONS GUIDE



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

S SWEAT & SOLDER

W WELDING

B BRAZING

T THREADING

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

M12 FORCELOGIC™ PRESS TOOL

Page 10



M18 SHORT THROW PRESS TOOL

Page 12



PEX Water Supply

PEX Water Supply

Residential Copper Water Supply

Water Heater & Gas Appliances

Residential Gas Supply

Residential HVAC & Refrigeration

...and More

INCREASED

M18 FORCELOGIC™ PRESS TOOL w/ ONE-KEY™

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

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

VERSATILITY

M18 FORCE LOGIC™

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	1/4" – 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, 1/2", 3/4", 1" IPS-IA Jaws, 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



1/2" CTS-V 49-16-2650
 3/4" CTS-V 49-16-2651
 1" CTS-V 49-16-2652
 1-1/4" CTS-V 49-16-2653
 1-1/2" CTS-V 49-16-2654
 2" CTS-V 49-16-2655
 2-1/2" CTS-Vr1 49-16-2656
 3" CTS-Vr1 49-16-2657
 4" CTS-Vr1 49-16-2658
 2-1/2" - 4" CTS-Vr1 49-16-2690

IPS



1/2" IPS-P 49-16-2650B
 3/4" IPS-P 49-16-2651B
 1" IPS-P 49-16-2652B
 1-1/4" IPS-Pr1 49-16-2653B
 1-1/2" IPS-Pr1 49-16-2654B
 2" IPS-Pr1 49-16-2655B
 2-1/2" IPS-Pr2 49-16-2656B
 3" IPS-Pr2 49-16-2657B
 4" IPS-Pr2 49-16-2658B
 1/2" - 1" IPS-P 49-16-2696
 1/2" - 2" IPS-Pr1 49-16-2697
 2-1/2" - 4" IPS-Pr2 49-16-2698
 1/2" IPS-IA 49-16-2650S
 3/4" IPS-IA 49-16-2651S
 1" IPS-IA 49-16-2652S
 1-1/4" IPS-IAr1 49-16-2653S
 1-1/2" IPS-IAr2 49-16-2654S
 2" IPS-IAr2 49-16-2655S
 1/2" - 2" IPS-ASP 49-16-2691SA
 1-1/4" - 2" IPS-IA 49-16-2691S

REQUIRES RING JAWS



* r1 Ring Jaw 49-16-2659

† r2 Ring Jaw 49-16-2659S

PEX



1/2" 49-16-2651C
 3/4" 49-16-2653C
 1" 49-16-2654C
 1-1/4" 49-16-2655C
 1-1/2" 49-16-2656C
 2" 49-16-2657C

ACR



1/4" Streamline® ACR 49-16-2650M
 3/8" Streamline® ACR 49-16-2652M
 1/2" Streamline® ACR 49-16-2653M
 5/8" Streamline® ACR 49-16-2654M
 3/4" Streamline® ACR 49-16-2655M
 7/8" Streamline® ACR 49-16-2656M
 1-1/8" Streamline® ACR 49-16-2657M
 1/4" - 7/8" Streamline® ACR 49-16-2661M
 1/4" RLS® ACR 49-16-2650R
 3/8" RLS® ACR 49-16-2652R
 1/2" RLS® ACR 49-16-2653R
 5/8" RLS® ACR 49-16-2654R
 3/4" RLS® ACR 49-16-2655R
 7/8" RLS® ACR 49-16-2656R
 1-1/8" RLS® ACR 49-16-2657R
 1/4" - 1-1/8" RLS® ACR 49-16-2662R

COMPATIBILITY

FITTING MFR	Viega®					Apollo Valves / Elkhardt				
FITTING SYSTEM	ProPress® up to 4"	ProPress® G up to 2"	MegaPress® up to 4"	MegaPress® G up to 4"	PureFlow® PEX Press up to 2"	ApolloPress® up to 4"	PowerPress up to 2"			
FITTING MFR	Mueller Industries			NIBCO®		Anvil®	Isotubi USA	Wolverine Brass®	Standard PEX Fittings	RLS®
FITTING SYSTEM	Streamline PRS™ up to 4"	Streamline® STL & STL-G up to 2"	Streamline® ACR up to 1-1/8"	Copper Fittings up to 2"	BenchPress™ up to 2"	AnvilPress™ up to 2"	Isotubi Stainless Steel up to 1-1/4"	Up to 2"	ASTM F1807 & F2159 PEX Crimp up to 2"	Up to 1-1/8"

MATERIAL ICON KEY



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

M18 FORCE LOGIC™

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



See page 14 for more ONE-KEY™ information



SPECIFICATIONS

DESCRIPTION	SPECIFICATIONS
Force	7,200 lbs
Pipe Capacity	1/4" 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,
1/2", 3/4", 1", 1-1/4", 1-1/2", 2" CTS Jaws,
Multi-Voltage Charger and Carrying Case.



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

Includes: 2922-20 Press Tool w/ ONE-KEY™,
(2) M18™ REDLITHIUM™ CP2.0 Battery Packs,
1/4", 3/8", 1/2", 5/8", 7/8" Streamline® ACR Jaws,
Multi-Voltage Charger and Carrying Case.



Also available:

M18™ FORCE LOGIC™ Press Tool Kit
w/ ONE-KEY™ (2922-20)
Jaws Not Included.



CTS



1/2" CTS-V 49-16-2650
 3/4" CTS-V 49-16-2651
 1" CTS-V 49-16-2652
 1-1/4" CTS-V 49-16-2653
 1-1/2" CTS-V 49-16-2654
 2" CTS-V 49-16-2655
 2-1/2" CTS-Vr1 49-16-2656
 3" CTS-Vr1 49-16-2657
 4" CTS-Vr1 49-16-2658
 2-1/2" - 4" CTS-Vr1 49-16-2690

IPS



1/2" IPS-P 49-16-2650B
 3/4" IPS-P 49-16-2651B
 1" IPS-P 49-16-2652B
 1-1/4" IPS-Pr1 49-16-2653B
 1-1/2" IPS-Pr1 49-16-2654B
 2" IPS-Pr1 49-16-2655B
 1/2" - 1" IPS-P 49-16-2696
 1/2" - 2" IPS-Pr1 49-16-2697
 1/2" IPS-IA 49-16-2650S
 3/4" IPS-IA 49-16-2651S
 1" IPS-IA 49-16-2652S
 1-1/4" IPS-IAr1 49-16-2653S

REQUIRES RING JAWS



* r1 Ring Jaw 49-16-2659

PEX



1/2" 49-16-2651C
 3/4" 49-16-2653C
 1" 49-16-2654C
 1-1/4" 49-16-2655C
 1-1/2" 49-16-2656C
 2" 49-16-2657C

ACR



1/4" Streamline® ACR 49-16-2650M
 3/8" Streamline® ACR 49-16-2652M
 1/2" Streamline® ACR 49-16-2653M
 5/8" Streamline® ACR 49-16-2654M
 3/4" Streamline® ACR 49-16-2655M
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 1-1/8" Streamline® ACR 49-16-2657M
 1/4" - 7/8" Streamline® ACR 49-16-2661M
 1/4" RLS® ACR 49-16-2650R
 3/8" RLS® ACR 49-16-2652R
 1/2" RLS® ACR 49-16-2653R
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 3/4" RLS® ACR 49-16-2655R
 7/8" RLS® ACR 49-16-2656R
 1-1/8" RLS® ACR 49-16-2657R
 1/4" - 1-1/8" RLS® ACR 49-16-2662R

COMPATIBILITY

FITTING MFR	Viega®						Apollo Valves / Elkhart			
FITTING SYSTEM	ProPress® up to 4"	ProPress® G up to 2"	MegaPress® up to 2"	MegaPress® G up to 2"	PureFlow® PEX Press up to 2"	ApolloPress® up to 4"	PowerPress up to 2"			
FITTING MFR	Mueller Industries			NIBCO®		Anvil®	Isotubi USA	Wolverine Brass®	Standard PEX Fittings	RLS®
FITTING SYSTEM	Streamline PRS™ up to 4"	Streamline® STL & STL-G up to 2"	Streamline® ACR up to 1-1/8"	Copper Fittings up to 2"	BenchPress™ up to 2"	AnvilPress™ up to 2"	Isotubi Stainless Steel up to 1-1/4"	Up to 2"	ASTM F1807 & F2159 PEX Crimp up to 2"	Up to 1-1/8"

MATERIAL ICON KEY



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

M12 FORCE LOGIC™

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®					Apollo Valves / Elkhart		Mueller Industries	
FITTING SYSTEM	ProPress® up to 1-1/4"	ProPress® G up to 1-1/4"	MegaPress® up to 1"	MegaPress® G up to 1"	PureFlow® PEX Press up to 1-1/2"	ApolloPress® up to 1-1/4"	PowerPress up to 1"	Streamline PRS™ up to 1-1/4"	Streamline® STL & STL-G up to 1"
FITTING MFR	NIBCO®		Anvil®		Wolverine Brass®	Standard PEX Fittings		RLS®	
FITTING SYSTEM	Copper Fittings up to 1-1/4"		BenchPress™ up to 1"		AnvilPress™ up to 1-1/4"	Up to 1-1/4"	ASTM F1807 & F2159 PEX Crimp up to 1-1/2"		Up to 1-3/8"

For most up to date fitting compatibility information, visit milwaukeeool.ca



MATERIAL ICON KEY





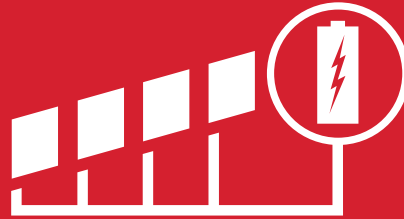
BRANCH TO FIXTURE: FASTEST, EFFORTLESS INSTALLS

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/ 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 milwaukeetool.ca

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



ONEKEY™

UNLOCKING THE DIGITAL JOBSITE.™

REPORT. TRACK. MANAGE.™



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

VISIT ONEKEY.MILWAUKEETOOL.CA FOR MORE INFORMATION

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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



M18 FUEL™ HACKZALL® One-Handed Reciprocating Saw Kit
2719-21



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



OVER 300+ SOLUTIONS
ONE CHARGER



M12

REDLITHIUM

**PORTABLE PRODUCTIVITY
TRADE FOCUSED
SYSTEM WIDE**



M18

REDLITHIUM

**PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE**

**LEARN
MORE**



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<https://qrs.ly/dleb922>

