



# SULLAIR AIR TOOLS



# THE RIGHT TOOL FOR YOUR TOUGH JOB

<b>Applications</b>	<b>Tool</b>	<b>Sullair Model</b>	<b>Class</b>	<b>Weight</b>	<b>cfm</b>
<ul style="list-style-type: none"> <li>• Horizontal and overhead applications</li> <li>• Industrial applications</li> </ul>	<b>Chipping Hammer</b>	<b>MCH-2/3/4</b> <b>MCH-3S/4S</b>	15#	16-19 lbs	26-33
<ul style="list-style-type: none"> <li>• Concrete bridge decks and general demo work</li> </ul>	<b>Light Pavement Breaker</b>	<b>MPB-35C</b>	40#	39 lbs	49
<ul style="list-style-type: none"> <li>• Concrete road breaking and other general demo work</li> </ul>	<b>Medium Pavement Breaker</b>	<b>MPB-60A</b>	60#	69.5 lbs	48
<ul style="list-style-type: none"> <li>• Heavy demo work breaking tough, reinforced concrete</li> </ul>	<b>Heavy Pavement Breaker</b>	<b>MPB-90A</b>	90#	92 lbs	62

# PAVEMENT BREAKERS DESIGNED TO WORK BETTER AND LAST LONGER

*Sullair Pavement Breakers are Designed for Work Efficiency and a Long, Trouble-Free Life*

## High-Wear Parts Reduced

Sullair breakers have eliminated most high-wear parts. Fewer parts mean less wear, less maintenance, and less downtime.

## No Multi-Part Tappet System

Unlike conventional breakers, Sullair breakers have no multi-part tappet system. With no tappet system, which requires three independent impacts, noise is reduced.

## One-Piece, Non-Protrusive Housing

A leak-proof air cushion forms at the end of the piston stroke and stops the piston from direct impact when the tool is not breaking. The elimination of side rods, nuts and springs makes Sullair breakers sleeker and more comfortable to operate.

## Minimal Lubrication Required

With only two parts moving during operation, normal oil carryover from the compressor, combined with moisture in the air, will usually provide sufficient lubrication under normal operating conditions. Manual lubrication before storage is sufficient.

## Interchangeable Parts

Standardization of design permits a high degree of interchangeability of parts between Sullair models.

## Quieter

The piston, impacting directly on the steel shank rather than a tappet, reduces noise level of the breaker.

## Super-Silenced, Anti-Freeze Models

A unique silencer reduces noise levels by 6 dBA, while preventing the tool from freezing, even in the coldest climates.

## Smoother Operation

Reduced kickback is less fatiguing to the operator.

## Simple Latch Design

Durable double roll pin permits easy steel changing.

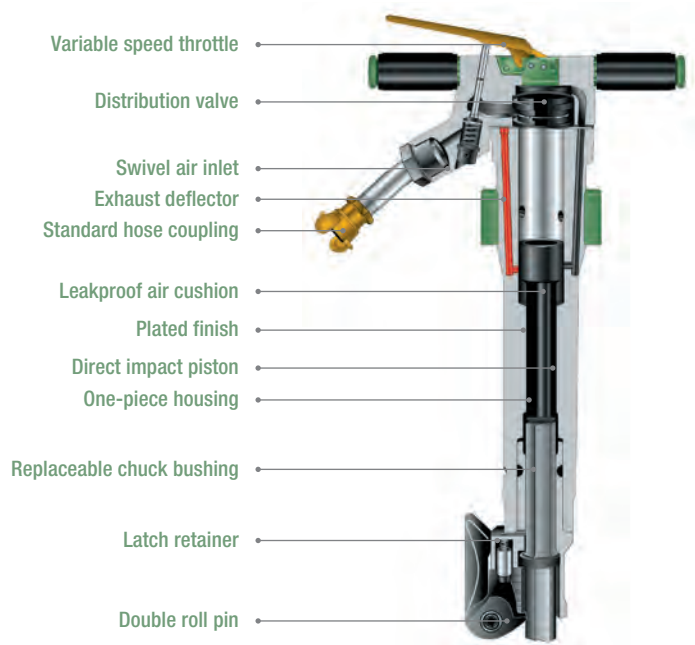
## Less Air Consumption

The direct impact piston design, non-corrosive distribution valve and one-piece housing dramatically reduce air consumption. You can operate more tools from a single compressor.

## Limited Parts Warranty

Sullair provides a two-year limited warranty on all breaker parts to cover:

- Manufacturing defects
- Normal operation wear
- Hassle Free Warranty:
  - Sullair will ship a new replacement tool for a defective tool during the first six months of warranty



# PAVEMENT BREAKERS

## SULLAIR MPB-90A COMPARED TO A CONVENTIONAL THOR TYPE BREAKER

### 30% less parts than conventional breakers

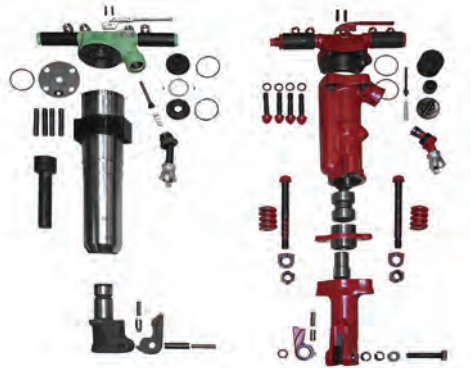
- Fewer parts to maintain
- Less parts to fail

### Direct impact piston

- No multi-part tappet system like conventional breakers

### One-piece housing

- Elimination of side rods, nuts and spring valves



## TECHNICAL SPECIFICATIONS

STANDARD T-HANDLE PAVEMENT BREAKER								
MODEL	PART NUMBER	CHUCK SIZE (in)	BORE & STROKE (in)	BLOWS PER MINUTE	AIR CONSUMPTION (cfm)	AIR INLET (NPT)	WEIGHT (lbs)	LENGTH (in)
MPB-90A	68253070	1 1/8" x 6"	2 7/16" x 5 9/32"	1380	62	3/4"	92	27 1/2"
	68253071	1 1/4" x 6"	2 7/16" x 5 9/32"	1380	62	3/4"	92	27 1/2"
MPB-60A	68253072	1 1/8" x 6"	2 5/32" x 5 5/32"	1360	48	3/4"	69	26 1/2"
	68253073	1 1/4" x 6"	2 5/32" x 5 5/32"	1360	48	3/4"	69	26 1/2"
MPB-35C	68253092	1" Hex x 4 1/4"	1 3/4" x 5 5/16"	1200	49	3/8"	39	25 1/2"

BREAKER ACCESSORIES	
PART NUMBER	DESCRIPTION
<b>WHIP HOSE ASSEMBLY, 8' X 1/2" ID. 300 PSI RATED HOSE</b>	
02250152-585	3/8" MNPT air inlet swivel
02250152-584	7/8"-24 male thread inlet swivel x 2-lug universal quick connect
<b>WHIP HOSE ASSEMBLY, 6' X 1/2" ID. 300 PSI RATED HOSE (STEEL HYD. SWIVEL)</b>	
02250176-106	3/8" MNPT steel hydraulic swivel w/ 7/8" bushing x 2-lug universal quick connect
<b>WHIP HOSE ASSEMBLY WITH 1/8" PT OILER, 8' X 1/2" ID. 300 PSI RATED HOSE</b>	
02250174-410	3/8" MNPT air inlet swivel x 2-lug universal, w/ oiler (251309)
02250174-411	1/2" MNPT air inlet swivel x 2-lug universal, w/ oiler (251309)

# CHIPPING HAMMERS BUILT TO LAST

*The Sullair Chipping Hammer is Designed for Rugged Dependability*

## Four Bolt Backhead

This unique design reduces handle breakage. The common problem of a threaded handle-to-barrel connection coming loose and damaging the handle and internal parts has been eliminated.

## D-handle

The strong "D" configuration is large enough to allow a comfortable, sure grip, even for a gloved hand.

## Minimal Lubrication Required

Because of the Sullair chipping hammer's unique design and materials, normal oil carryover from the compressor, combined with moisture in the air, will usually provide sufficient lubrication under normal operating conditions.

## Rotatable Exhaust Deflector

A durable molded exhaust deflector directs exhaust air away from the operator.

## Standard Oval Return Retainers

Contractors' choice spring retainer. Round collar retainer style available as an accessory.

## User-Friendly, Screw-On Ball Retainer Option

Offering a quick and easy way to change steel, simply by pulling the retainer back, inserting your steel and releasing to lock the steel in place.

## Choice of Stroke Length and Bushings

The Sullair chipping hammer is available in 2", 3" and 4" strokes with either .680 round or .580 hex bushings.

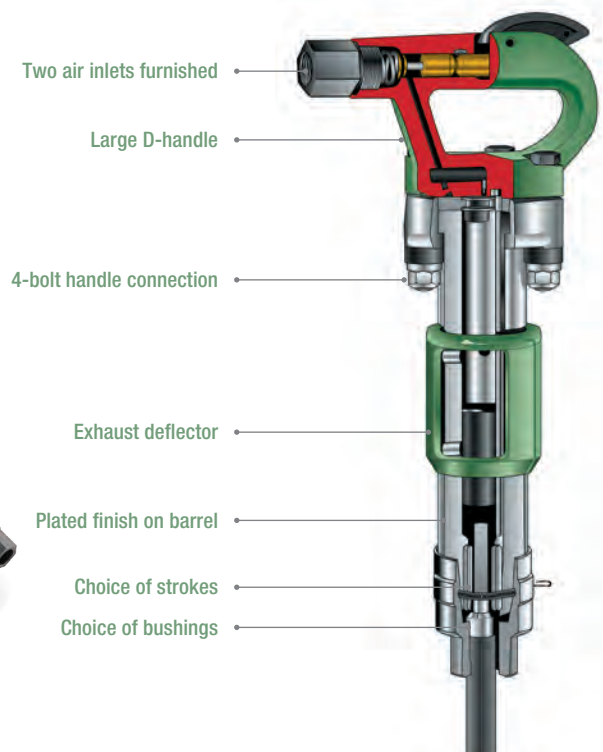
## Air Inlet Option

Two air inlet bushings are furnished:  $\frac{3}{8}$ " NPT and  $\frac{7}{8}$ "-24, internal thread. The bushings provide for versatile hose connections while protecting the handle inlet threads.

## Limited Parts Warranty

Sullair provides a limited parts warranty to cover:

- Two years on the handle and cylinder
- One year on all other parts\*
- Hassle Free Warranty:
  - Sullair will ship a new replacement tool for a defective tool during the first six months of warranty



\* Excludes retainer and retainer springs

# TECHNICAL SPECIFICATIONS

## CHIPPING HAMMER — STANDARD OVAL RETURN LOCK SPRING RETAINER

MODEL	PART NUMBER	CHUCK SIZE (in)	BORE & STROKE (in)	BLOWS PER MINUTE	AIR CONSUMPTION (cfm)	AIR INLET (NPT)	WEIGHT (lbs)	LENGTH (in)
MCH-2	68252240-001	.680 round	1 1/8" x 5"	3600	34	3/8" NPT or 7/8"-24	16	14"
MCH-3	68252241-001	.680 round	1 1/8" x 5 3/4"	2280	33	3/8" NPT or 7/8"-24	18	15 1/4"
MCH-4	68252242-001	.680 round	1 1/8" x 4 1/4"	1800	30	3/8" NPT or 7/8"-24	18	16 1/2"

## CHIPPING HAMMER — SCREW-ON BALL RETAINER (NO SPRINGS REQUIRED)

MODEL	PART NUMBER	CHUCK SIZE (in)	BORE & STROKE (in)	BLOWS PER MINUTE	AIR CONSUMPTION (cfm)	AIR INLET (NPT)	WEIGHT (lbs)	LENGTH (in)
MCH-3S	68252247-004	.680 round	1 1/8" x 3 3/4"	2280	33	3/8" NPT or 7/8"-24	18	15 1/4"
MCH-4S	68252248-004	.680 round	1 1/8" x 4 1/4"	1800	30	3/8" NPT or 7/8"-24	18	16 1/2"

## CHIPPING HAMMER — RETAINERS AND ACCESSORIES

PART NUMBER	DESCRIPTION
<b>REPLACEMENT RETAINERS AND LOCK SPRINGS</b>	
68722235	Retainer, for oval collar steel—chrome finish—standard
250012-526	Retainer, for round collar steel w/bumper
250018-894	Rubber bumper replacement for round collar retainer
250021-222	Retainer, universal ball type (spring)
250012-530	Lock Spring, heavy duty
250013-916	Lock Spring, plastic
68780341	Retainer, for oval collar steel—chrome finish—standard
68722755	Retainer MLC, oval collar round shank steel
68722756	Retainer MLC, oval collar hex shank steel
<b>WHIP HOSE ASSEMBLIES, 8' X 1/2" ID. 300 PSI RATED HOSE</b>	
02250152-585	3/8" MNPT air inlet swivel
02250152-584	7/8"-24 male thread inlet swivel x 2-lug universal quick connect
<b>WHIP HOSE WITH SWING COUPLING, 8' X 1/2" ID HOSE W 1' WHIP</b>	
02250139-711	7/8"-24 male thread air inlet with swing coupling x 2-lug universal quick connect
02250139-712	3/8" MNPT air inlet with swing coupling x 2-lug universal quick connect

# GENUINE ACCESSORIES AND SWING VALVES

## Sullair Swing Valve Couplings Provide

- Safe and easy air shut-off at the tool
- No need to turn off the compressor
- Safely bleeds the air from the tool
- Saves time, saves money

## Easy Tool Changes

- Change the tool quickly
- Change the steels safely
- Prevents accidental firing of tool

## Full Flow to Tool

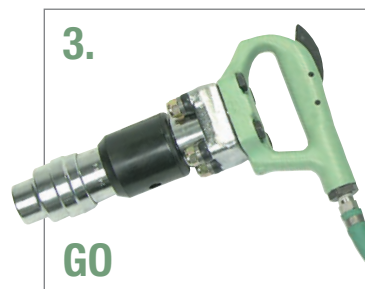
- Full throat valve, no flow restriction
- Smooth bore no pressure loss in valve

## Complete Eight Foot Whip Hose Comes with One Optional Tool Connector

- $\frac{7}{8}$ " x 24 Male fine thread
- $\frac{1}{2}$ " MNPT Male thread
- $\frac{3}{8}$ " MNPT Male thread
- 2-lug universal coupling
- Entire whip is complete with swing valve and 2-lug connector

## Quick and Sure Connections

- Connect and disconnect under pressure
- No extra effort against line pressure
- Locking sleeve prevents accidental on/off
- When in "locked off" position, tool hose is vented. #1
- Full flow when in "locked on" position. #2



If you're using Sullair tools, get the performance you paid for.  
Use only genuine Sullair accessories.

# PNEUMATIC TOOL ACCESSORIES

## LINE OILER AND IN-LINE FILTER

PART NUMBER	DESCRIPTION
251309	1/8 Pint capacity (1/2" FNPT-Pressure Feed)
251310	1/4 Pint capacity (3/4" FNPT-Pressure Feed)
251311	1/2 Pint capacity (3/4" FNPT-Pressure Feed)
251312	1/2 Pint capacity (1" FNPT-Pressure Feed)
251313	1 Pint capacity (1" FNPT-Pressure Feed)
251314	1/2 Pint capacity (1" FNPT-Constant Feed)
251315	1 Pint capacity (1" FNPT-Constant Feed)
02250138-177	In-line hose filter (1/2" FNPT)
250012-263	Wet Kit for MRD-55 Rock Drill

## TOOL STAND

PART NUMBER	DESCRIPTION
02250219-140	Tool Stand, 3 tool
02250219-139	Tool Stand, 7 tool

## BUTTS FOR MBT-6 BACKFILL TAMPER

PART NUMBER	DESCRIPTION
68722625	6" Dia. Butt—Steel
250034-467	Half-Moon Pole Butt — Malleable Iron
250034-783	6" Dia. Butt — Malleable Iron
250034-784	4" Dia. Butt — Aluminum
250034-785	3" Dia. Butt — Aluminum
250012-703	Screw, Taper

## AIR INLET SWIVELS FOR CHIPPERS

PART NUMBER	DESCRIPTION
250012-531	7/8"-24 thread — 1/2" hose barb
250012-532	3/8" NPT — 1/2" hose barb
250012-533	1/2" NPT — 1/2" hose barb

## RETAINERS AND ACCESSORIES FOR CHIPPING HAMMERS

PART NUMBER	DESCRIPTION
68722235	Retainer, for oval collar steel—chrome finish
250012-526	Retainer, for round collar steel w/bumper
250018-984	Rubber bumper replacement for round collar retainer
250021-222	Retainer, universal ball type (spring)
250012-530	Lock Spring, heavy duty
250013-916	Lock Spring, plastic
68780341	Retainer, universal ball type (screw-on)
68722755	Retainer MLC, oval collar round shank steel
68722756	Retainer MLC, oval collar hex shank steel

## RETAINERS AND ACCESSORIES FOR RIVET BUSTERS

PART NUMBER	DESCRIPTION
250035-776	Retainer
250029-072	Upper Sleeve 11X
250013-625	Lower Sleeve 11X
250013-626	Bumper
250013-594	Retainer spring
02250166-693	Kit, Rivet Buster Lower End

## AIR HOSE, COUPLINGS, FITTINGS AND ACCESSORIES, 300 psig RATED HOSE

PART NUMBER	DESCRIPTION
02250152-581	50' 2-lug universal quick connect at both ends
02250152-583	100' 2-lug universal quick connect at both ends

## WHIP HOSE ASSEMBLIES, 8' X 1/2" ID. 300 psig RATED HOSE

PART NUMBER	DESCRIPTION
02250152-585	3/8" MNPT air inlet swivel
02250152-586	1/2" MNPT air inlet swivel x 2-lug universal quick connect
02250152-584	7/8"-24 male thread inlet swivel x 2-lug universal quick connect

## WHIP HOSE ASSEMBLIES, 6' X 1/2" ID. 300 psig RATED HOSE (STEEL HYD. SWIVEL)

PART NUMBER	DESCRIPTION
02250176-106	3/8" MNPT steel hydraulic swivel w/ 7/8" bushing x 2-lug universal quick connect

## WHIP HOSE ASSEMBLY WITH 1/8 PT OILER, 8' X 1/2" ID. 300 psig RATED HOSE

PART NUMBER	DESCRIPTION
02250174-410	3/8" MNPT air inlet swivel x 2-lug universal, w/oiler (251309)
02250174-411	1/2" MNPT air inlet swivel x 2-lug universal, w/oiler (251309)
02250174-412	7/8"-24 male thread inlet swivel x 2-lug universal, w/oiler (251309)

## WHIP HOSE WITH SWING COUPLING, 8' X 1/2" ID HOSE W 1' WHIP

PART NUMBER	DESCRIPTION
02250139-711	7/8"-24 male thread air inlet with swing coupling x 2-lug universal quick connect
02250139-712	3/8" MNPT air inlet with swing coupling x 2-lug universal quick connect
02250139-713	1/2" MNPT air inlet with swing coupling x 2-lug universal quick connect
02250139-714	2-lug universal air inlet with swing coupling x 2-lug universal quick connect

## ADDITIONAL 1' WHIP HOSE FOR ABOVE SWING COUPLINGS

PART NUMBER	DESCRIPTION
02250139-707	7/8"-24 fitting and valve plug
02250139-709	1/2" MNPT fitting and valve plug
02250139-710	2-lug fitting and valve plug

## BULK HOSE ON REEL

PART NUMBER	DESCRIPTION
02250152-580	3/4" x 400' Sullair Green Hose — 300 psi

## HOSE FITTINGS, CLAMPS AND REPAIR KITS

PART NUMBER	DESCRIPTION
250031-650	3/4" Hose barb, 2-lug universal quick connect
250031-654	3/4" Hose barb, 2-bolt style clamp
02250113-961	Coupling, 2-lug universal quick connect — 3/8" MNPT
02250140-797	Coupling, 2-lug universal quick connect — 3/8" FNPT
02250126-794	Coupling, 2-lug universal quick connect — 1/2" MNPT
040383	Coupling, 2-lug universal quick connect — 3/4" FNPT
250031-648	Coupling, 2-lug universal quick connect — 3/4" MNPT
250015-228	Gasket, rubber — for 2-lug universal coupling (package of 50) sold per pkg
250031-659	Clip, hose coupling, safety (package of 25) sold per pkg
02250119-544	HOSE REPAIR KIT (includes following): 50 ea. 1/2" hose clamp, 40 ea. 3/4" hose clamp, 6 ea. 1/2" hose mender, 6 ea. 3/4" hose mender, and 1 ea. Toll pincher long handle
02250119-543	Hose clamp pincher tool (long handle)
02250119-541	1/2" Hose mender (tube)
02250119-542	3/4" Hose mender (tube)
02250119-863	3/4" Hose clamp (package of 100)