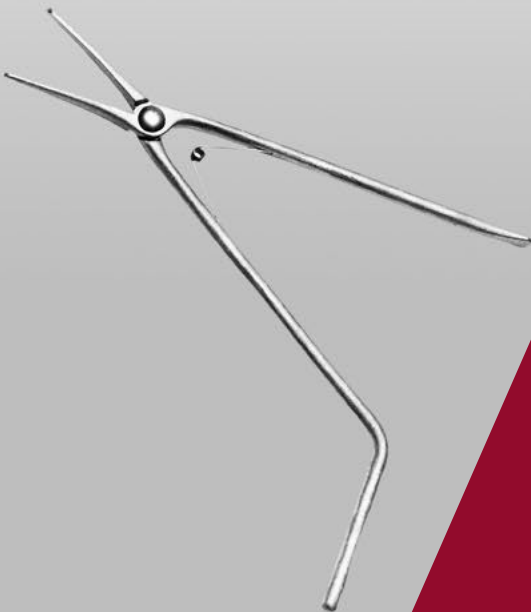
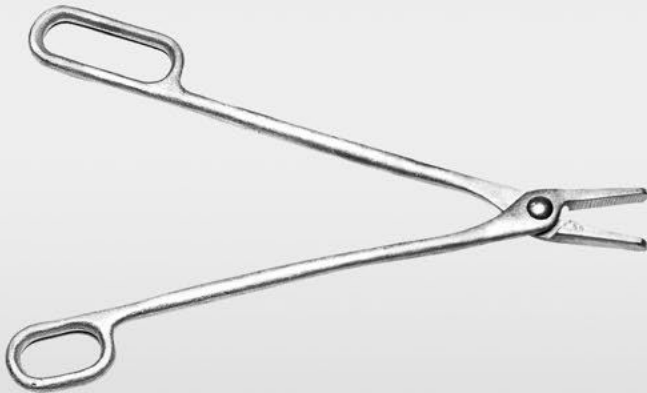




The Trusted Choice for Machine Safety



HAND FEEDING TOOLS

FOR INDUSTRIAL MACHINES

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HAND-FEEDING AND RETRIEVAL TOOLS (PLIERS, POSITIONERS, TONGS, AND VACU-TONGS)

A wide variety of hand-feeding tools are available. They are used to keep hands out of the point of operation while feeding or removing parts from the machine. Although they are not considered to be guards or devices by themselves, hand tools do offer additional protection. In addition to numerous pliers and tongs, hand tools are available with either suction

cups or magnetic pick-ups. Most of the tools are constructed of soft alloy materials, engineered to easily crush if caught between dies or parts of the machine. Many of today's hand tools are designed with ergonomics in mind. This provides the operator with maximum comfort and minimum fatigue.

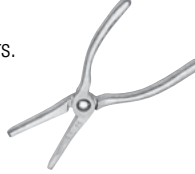
Part No. CYF550

Lightweight duckbill spring-opened pliers.
Jaw Length – 2-1/2"
Total Length – 7"
Weight – 2 oz



Part No. CYF557

Heavy-duty duckbill pliers.
Jaw Length – 3"
Total Length – 8-1/4"
Weight – 5-3/4 oz



Part No. CYF565

Similar to CYF564 with torsion spring.
Jaw Length – 3"
Total Length – 11-1/2"
Weight – 59/10 oz



Part No. CYF551

Pliers with long tapered jaws—ideal for small parts.
Jaw Length – 3"
Total Length – 7-1/2"
Weight – 2-1/4 oz



Part No. CYF558

Similar to CYF557 with thumb loop for operator comfort.
Jaw Length – 2-7/8"
Total Length – 8-5/8"
Weight – 5-1/2 oz



Part No. CYF566

Similar to CYF564 with vacuum cup.
Jaw Length – 3"
Total Length – 11"
Weight – 7 oz



Part No. CYF552

Pliers with a right-angle hook nose for gripping.
Jaw Length – 2-1/2"
Total Length – 7"
Weight – 2 oz



Part No. CYF559

Small, heavy-duty stubby pliers with good gripping capability.
Jaw Length – 1-1/2"
Total Length – 6-1/8"
Weight – 4 oz



Part No. CYF567

Heavy-duty straight-handled tongs for two-handed use.
Jaw Length – 3"
Total Length – 11-1/2"
Weight – 4 oz



Part No. CYF553

1 -1/2" wide duckbill for rigid support.
Jaw Length – 3"
Total Length – 7-1/8"
Weight – 3-1/2 oz



Part No. CYF560

Medium-duty, spring-opened pliers with long nose.
Jaw Length – 4-1/2"
Total Length – 9-3/4"
Weight – 6 oz



Part No. CYF568

Medium-duty tongs with finger loops on both handles.
Jaw Length – 3"
Total Length – 10-1/2"
Weight – 6 oz



Part No. CYF555

Heavy-duty rugged plier.
Jaw Length – 2-3/4"
Total Length – 8-1/4"
Weight – 4 oz



Part No. CYF562

Ergonomic pliers with 45° bend.
Jaw Length – 3"
Total Length – 7"
Weight – 2-1/4 oz



Part No. CYF569

Popular ergonomic tongs with 30° bend and thumb loop.
Jaw Length – 2-7/8"
Total Length – 10"
Weight – 7 oz



Part No. CYF556

Similar to CYF551 with vacuum cup.
Jaw Length – 3"
Total Length – 7-1/2"
Weight – 4 oz



Part No. CYF564

Popular long-handled lightweight tongs.
Jaw Length – 3-1/8"
Total Length – 11-1/2"
Weight – 5 oz



Part No. CYF570

Ergonomic tong with 60° bend and two large loops. These tongs can be used in either direction.
Jaw Length – 2-1/2"
Total Length – 12"
Weight – 10 oz



HAND-FEEDING AND RETRIEVAL TOOLS (CONTINUED)

Part No. CYF571

Heavy-duty straight-handled tongs to handle parts up to 20 oz.
Jaw Length – 3"
Total Length – 10-5/8"
Weight – 6-1/2 oz



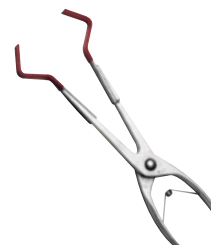
Part No. CYF577

Tong with short 1" jaw ruggedly designed for good gripping; gapped 3/16" for thick plate.
Total Length – 10"
Weight – 8 oz



Part No. CYF591

Designed to pick up 1-3/4" bushings.
Total Length – 13-1/8"
Weight – 7 oz



Part No. CYF572

Versatile heavy-duty tongs with thumb loop.
Jaw Length – 3"
Total Length – 10-1/2"
Weight – 7-1/2 oz



Part No. CYF579

Tongs with thin tapered jaw. Extremely light-weight for their size.
Jaw Length – 2"
Total Length – 10-1/2"
Weight – 8 oz



Part No. CYF593

90° bend to remove parts from die.
Total Length – 14"
Weight – 2-1/2 oz



Part No. CYF573

Similar to CYF572 with vacuum cup.
Jaw Length – 3"
Total Length – 10-1/2"
Weight – 9-1/2 oz



Part No. CYF580

Popular right-angle-jaw tongs for handling flanged or cup-shaped workpieces.
Jaw Length – 5/8"
Total Length – 10-3/8"
Weight – 9 oz



Part No. CYF595

Short-jaw tongs with long-handle protection.
Jaw Length – 2"
Total Length – 16"
Weight – 11 oz



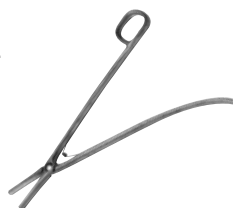
Part No. CYF574

Heavy-duty tongs with finger loops on both handles.
Jaw Length – 3"
Total Length – 10-5/8"
Weight – 8 oz



Part No. CYF586

Extra long lightweight tongs.
Jaw Length – 3"
Total Length – 16-1/4"
Weight – 8-1/2 oz



Part No. CYF597

Tongs designed to hold 1/4" stock. Jaws are spaced 1/4" parallel.
Jaw Length – 3"
Total Length – 18"
Weight – 15 oz



Part No. CYF575

Rugged tongs for heavy parts up to 5 lb.
Jaw Length – 3"
Total Length – 12"
Weight – 10 oz



Part No. CYF587

Needle-nose tongs designed to be held in the hand and closed by thumb pressure; ideal for small parts.
Jaw Depth – 2-7/8"
Total Length – 13-1/2"
Weight – 5-1/2 oz



Part No. CYF600

Lightweight tweezers.
Total Length – 6-1/2"
Weight – 11/10 oz



Part No. CYF576

Similar to CYF575 with adjustable set screw in jaw for extra gripping power or sheet pulling.
Jaw Length – 3"
Total Length – 12"
Weight – 11 oz



Part No. CYF590

Designed to pick up 1" bushings.
Total Length – 12-1/8"
Weight – 6 oz



Part No. CYF601

Heavier tweezers.
Total Length – 9"
Weight – 13/5 oz



VACUUM LIFTERS

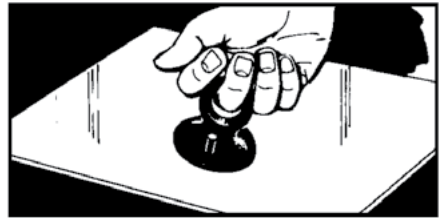
These vacuum lifters grip and hold oiled or dry sheet metal, glass, plastic, steel, plexiglass, polished stone, fiberglass, auto panels, or any other material with a smooth surface.

LITTLE-GRABBER LIFTER

These one-finger lifters are ideal for light objects or raising corners for better grip. Always handy and ready for use, yet leaves one hand free for other work. It has specially designed release tabs. Made from tough rubber compound.

Part No. KMK007 – 2-1/8" diameter (1" finger loop) – lifts 4 lbs

Part No. KMK056 – 2-5/8" diameter (1-1/4" finger loop for use with gloves) – lifts 6 lbs



KNUCKLE-SAVER LIFTER

This two-finger grip and larger cup provide extra lifting capacity. Its larger diameter makes this lifter ideal for greater loads. Breaks oil adhesions easily. It also has specially designed release tabs. Lifts about 10 pounds.

Part No. KMK008 – 3-1/4" diameter (1" finger loop)



SUPER-GRABBER LIFTER

This four-finger grip and larger cup provide extra lifting capacity. Its larger diameter makes this lifter ideal for greater loads. Breaks oil adhesions easily. It also has specially designed release tabs. Lifts about 12 pounds.

Part No. KMK055 – 4-3/4" diameter



MEDIUM-DUTY LIFTER

Sturdy construction and a fast-action metal release valve offer safe, quick handling of smooth surface materials. Full-hand grip for extra strength gives operator extra freedom of movement. Lifts about 10 pounds.

Part No. KMK009 – 3-1/4" diameter

Part No. KMK013 – Replacement cup only – 3-1/4" diameter



MEDIUM-DUTY GRABBER/LIFTER

This combination grabber and lifter combines the flexibility of a grabber with the holding strength of a lifter. Just lift the tipped edge to release the vacuum. Lifts about 15 pounds.

Part No. KMK040 – 3-1/4" diameter



VACUUM LIFTERS (CONTINUED)

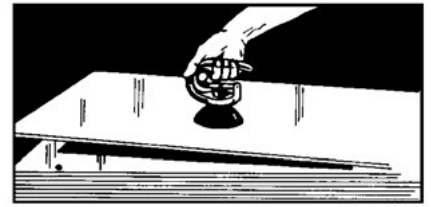
HEAVY-DUTY SHEET METAL LIFTER

These lifters have powerful suction to lift heavier loads. A handy trigger-valve release disengages the vacuum lifter instantly and safely. This saves wear and tear on gloves and hands. These lifters are generally used for loading, unloading, piling, and shifting sheet metal from trucks, stock, etc. The 3" cup lifts about 15 pounds; the 4" cup about 25 pounds; the 5" cup about 35 pounds.

Part No. KMK047 – single cup, 3" diameter

Part No. KMK043 – single cup, 4" diameter

Part No. KMK010 – single cup, 5" diameter



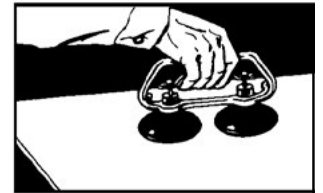
DOUBLE-CUP SHEET METAL LIFTER

These lifters have a convenient handle for one or two-handed lifting. Positive grip increases the operator's working capacity. Dual trigger valves disengage the lifter from material. The 3" cups lift about 30 pounds; the 4" cups about 50 pounds; and the 5" cups about 75 pounds.

Part No. KMK054 – 2 cups, 3" diameter each

Part No. KMK044 – 2 cups, 4" diameter each

Part No. KMK011 – 2 cups, 5" diameter each



REPLACEMENT CUPS:

Part No. KMK057 – 3" diameter single cup

Part No. KMK031 – 4" diameter single cup

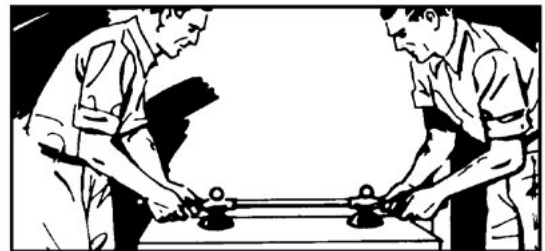
Part No. KMK014 – 5" diameter single cup

TWO-MAN VACUUM LIFTER

These lifters have extra capacity for extra safety. Ideal for moving heavy gauge metal, marble slab, heavy plate glass, and plastic sheets. The 4" cups lift about 50 pounds; the 5" cups about 75 pounds.

Part No. KMK041 – 2 cups, 4" diameter each

Part No. KMK042 – 2 cups, 5" diameter each



DOUBLE-CUP VERTI-LIFT

Powerful suction cups are used to lift and move loads from the floor without having to bend over. It has a handy trigger-valve release to disengage the vacuum lifter instantly and safely. These hand-operated vacuum lifters are used for repeated lifting and moving of non-porous materials on the ground level. The vertical handle is 32" and the total length is 37". The 4" cups lift about 50 pounds; the 5" cups about 75 pounds.

Part No. KMK045 – 4" cup diameter

Part No. KMK031 – Replacement cup (4")

Part No. KMK046 – 5" cup diameter

Part No. KMK014 – Replacement cup (5")



VACUUM LIFTERS (CONTINUED)

These lifters can be used to place and remove material in and from the machine. These tools are not to be used as a point-of-operation safeguard, but can be used to help keep the operator's hands out of the point of operation when loading parts.

These lifters have strengthened steel rods and oil-resistant flexible vacuum cups. They are ideal for handling plastic, metal, glass, and any other material that has a smooth, non-porous surface. There are three types of lifters to choose from. The single-cup lifter is available in three cup sizes. The double-cup lifter is available in one cup size. The straight-handle lifter has a handle attached to the top of the vacuum cup and provides the user with extra reach. All three lifters incorporate an instant release button. The 2-1/8" cup lifts about 3 pounds, the 3-1/4" cup lifts about 5 pounds, and the 4" cup lifts about 6 pounds. The double-cup lifters lift about 6 pounds.

REPLACEMENT CUPS:

Part No. KMK012 – 2-1/8" diameter

Part No. KMK013 – 3-1/4" diameter

Part No. KMK031 – 4" diameter



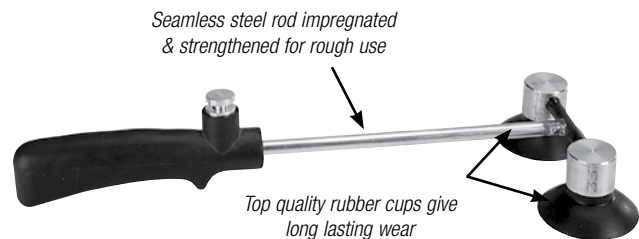
SINGLE-CUP LIFTER

| PART NO. | LENGTH | CUP DIAMETER |
|----------|------------|--------------|
| KMK001 | 12" Handle | 2-1/8" |
| KMK034 | 15" Handle | 2-1/8" |
| KMK002 | 18" Handle | 2-1/8" |
| KMK003 | 12" Handle | 3-1/4" |
| KMK004 | 15" Handle | 3-1/4" |
| KMK035 | 18" Handle | 3-1/4" |
| KMK033 | 12" Handle | 4" |
| KMK005 | 15" Handle | 4" |
| KMK036 | 18" Handle | 4" |



STRAIGHT-HANDLE LIFTER

| PART NO. | LENGTH | CUP DIAMETER |
|----------|------------|--------------|
| KMK048 | 12" Handle | 3-1/4" |
| KMK049 | 15" Handle | 3-1/4" |
| KMK050 | 18" Handle | 3-1/4" |
| KMK051 | 12" Handle | 4" |
| KMK052 | 15" Handle | 4" |
| KMK053 | 18" Handle | 4" |



DOUBLE-CUP LIFTER

| PART NO. | LENGTH | CUP DIAMETER |
|----------|------------|--------------|
| KMK037 | 12" Handle | 2-1/8" |
| KMK006 | 15" Handle | 2-1/8" |
| KMK038 | 18" Handle | 2-1/8" |

MAGNETIC TOOLS

Part No. CYF431

Pick-up capacity up to 3 pounds
with release handle.

Single magnet – 12" length



Part No. CYF432

Pick-up capacity up to 7 pounds
with release handle.

Double magnet – 14" length



Part No. CYF602

Pick-up capacity up to 3 pounds
with twist release.

Single magnet – 12" length



Part No. CYF603

Pick-up capacity up to 7 pounds
with twist release.

Double magnet – 14" length



Part No. CYF604

Pick-up capacity up to 4 ounces
with low profile.

Single magnet – 15" length



Part No. CYF605

Pick-up capacity up to 8 ounces
with low profile.

Double magnet – 15" length





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