

TCM-1050

Tube Cleaning-

Heavy Duty

The TCM-1050 is the machine made for heavy duty cleaning of deposits in chillers, condensers, heat exchangers, boilers and other internal tubes. It features a sturdy steel cabinet, 3/4hp. Electric motor, heavy duty water solenoid, and high brush RPMs for powerful scrubbing of internal tubes.

It also includes a 1.295m frame with 254mm pneumatic tires, large storage box for tools and brushes, 7.31m power cord, dual auxiliary outlets, and a removable base for confined areas.

A single operator can easily clean tubes thoroughly.



WHAT MAKES OUR SYSTEMS BETTER:?

- * Pumps **60% more** water and pushes debris out faster
- * Spins shaft **Twice as Fast** Cleans debris thoroughly and high speed pull shaft in/out. Easier for operation
- * Easy to transport 1.295m frame fits upright in van and pneumatic tires for transport
- * Forward controls. Better cleaning and easier .

SPECIFICATIONS

Horsepower: 3/4HP, motor electric, belt-driven
Power: Single Ph, 220v, 7.1amps
Service Factor: 1.15
Flexible Shaft Speed: 1425 rpm
Weight(dry): 20kg lbs cabinet
Dimensions: 483mmx394mmx273mm Cab. 1.295mx533mmx432mm frame

Price: Call

Contractor's Package: Part Number-TCM1051

- 1 Tube Cleaning Machine
- 2 Flexible Shaft 25"
- 24 Nylon Brushes 5/8"
- 24 Polish/Cleaning Brushes
- 1 Shaft Lubricator
- 4 Lubricating Fluid 8oz.
- 1 Repair Crimping Block
- 4 Tool Repair Coupling
- 4 Drive Repair Coupling

Call for Pricing

TCM-150

Tube Cleaning-

Portable

The TCM-150 is a lightweight portable machine made for cleaning deposits in chillers, condensers, heat exchangers, boilers and other internal tubes. This machine weighs only 38lbs. and is great for confined areas. It features a sturdy aluminum cabinet, 3/4hp. reversible motor, heavy duty water solenoid, and high brush RPMs for powerful scrubbing of internal tubes.

Its lightweight design is perfect for smaller areas.



HOW TO CLEAN TUBES

The TCM-150 is connected to one of our famous Flexible Shafts. The operator then connects a cleaning tool or brush to the opposite end of the flexible shaft. This shaft is then inserted into the tube sheet. The operator simply applies pressure to the footswitch which activates the water flow /shaft rotation. The rotating brush and water flow scrubs the inside walls of the tubes.



FEATURES:

- 3/4 HP Electric Motor-** Efficient cleaning, direct-drive
- Powder Coated Cabinet-** resists corrosion
- Quick-Disconnect Shaft Fitting-** simple connections, no tools needed
- Air Footswitch--** shock protection -activates shaft rotation/water flow -forward rotation by foot
- 7.31m Cord -**

SPECIFICATIONS

Horsepower: 3/4HP, forward/reversible
Power: Single Ph, 220v 50HZ 7.1 amps
Service Factor: 1.15
Flexible Shaft Speed: 1425 rpm
Weight(dry): 38 lbs cabinet
Dimensions: 18" x 9" x 10.5".

Price: Call

Call for Pricing

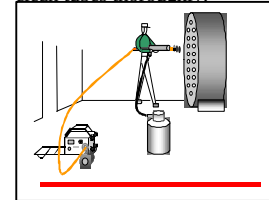
TCM-1050H

Dual Purpose-Boiler/Chiller Machine

The TCM-1050H is our Dual Purpose Machine. This single machine can clean both boilers and chillers thus reducing the cost of purchasing two machines. It features a sturdy steel cabinet, 3/4hp. electric motor, heavy duty water solenoid, and high torque for powerful scrubbing of internal tubes.

It also includes a 1.295m frame with 254mm pneumatic tires, large storage box for tools and brushes, 7.31m power cord, dual auxiliary outlets, and a removable base for confined areas.

A single operator can easily clean tubes thoroughly.



FEATURES:

- Dual Purpose:** Cleans both boiler and chillers.
- High Torque:** Powerful unit spins large brushes
- Also:** Same features as TCM1050

SPECIFICATIONS

Horsepower: 3/4HP, electric Belt driven.
Power: Single Ph, 220v 50HZ, 7.1 amps
Service Factor: 1.15
Flexible Shaft Speed: 712 rpm
Weight(dry): 20kg cab. 10kg frame/dolly
Dimensions: 483mmx394mmx273mm Cab. 1.295mx533mmx432mm frame

Price: Call

Contractor's Package: Part Number-TCM1051H

- 1 Boiler/Chiller Cleaning Machine
- 1 Boiler Flexible Shaft 25"
- 1 Chiller Flexible Shaft 25"
- 2 Carbon Steel Boiler Brush 2"
- 24 Nylon Brushes 5/8"
- 24 Polish/Cleaning Brushes
- 1 BTA100 Boiler Gun
- 1 Shaft Lubricator
- 4 Lubricating Fluid 8oz.
- 1 Repair Crimping Block
- 4 Tool Repair Coupling ea.
- 4 Drive Repair Coupling ea.
- 1 Commercial Boiler Vacuum

Call for Pricing

TCM-2000A Tube Cleaning- Heavy Duty

The TCM-2000A is the machine made for heavy duty cleaning of deposits in chillers, condensers, heat exchangers, boilers and other internal tubes. It features a sturdy steel cabinet, 4hp. pneumatic motor, heavy duty water solenoid, and high brush RPMs for powerful scrubbing of internal tubes.

It also includes a 1.295m frame with 254mm pneumatic tires, large storage box for tools and brushes, and a removable base for confined areas.

A single operator can easily clean tubes thoroughly.



WHAT MAKES OUR SYSTEMS BETTER:?

- * Pumps **60% more** water and pushes debris out faster
- * Spins shaft **Twice as Fast** Cleans debris thoroughly and high speed pull shaft in/out. Easier for operation
- * Easy to transport 1.295m frame fits upright in van and pneumatic tires for transport
- * Forward controls. Better cleaning and easier .

SPECIFICATIONS

Horsepower: 4HP, pneumatic motor belt-driven w/Build-in Lubricator

Air requirements:

60 PSI @ 85 CFM Min.
100 PSI @ 130 CFM Max.

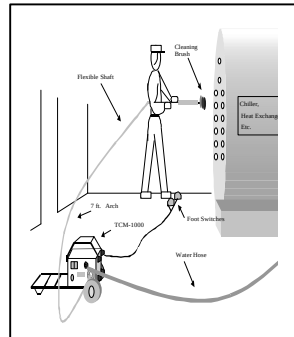
Flexible Shaft Speed: 0-3000 rpm

Weight(dry): 20kg lbs cabinet

Dimensions: 483mmx394mmx273mm Cab.

1.295mx533mmx432mm frame

Unit Price: Call



Contractor's Package: Part Number-TCM2001A

- 1 Tube Cleaning Machine
- 2 Flexible Shaft 25'
- 24 Nylon Brushes 5/8"
- 24 Polish/Cleaning Brushes
- 1 Shaft Lubricator
- 4 Lubricating Fluid 8oz.
- 1 Repair Crimping Block
- 4 Tool Repair Coupling
- 4 Drive Repair Coupling

Call for Pricing

TCM-200A Tube Cleaning- Portable

The TCM-200a is a lightweight portable machine made for cleaning deposits in chillers, condensers, heat exchangers, boilers and other internal tubes. This machine weighs only 24lbs. and is great for confined areas. It features a sturdy aluminum cabinet, 1.5hp. pneumatic motor, heavy duty water solenoid, and high brush RPMs for powerful scrubbing of internal tubes.

Its lightweight design is perfect for smaller areas.



HOW TO CLEAN TUBES

The TCM-200A is connected to one of our famous Flexible Shafts. The operator then connects a cleaning tool or brush to the opposite end of the flexible shaft. This shaft is then inserted into the tube sheet. The operator simply applies pressure to the footswitch which activates the water flow /shaft rotation. The rotating brush and water flow scrubs the inside walls of the tubes.



FEATURES:

1.5 HP Pneumatic Motor- Efficient cleaning, direct-drive

Powder Coated Cabinet- resists corrosion

Quick-Disconnect Shaft Fitting- simple connections, no tools needed

Air Footswitch-- shock protection
-activates shaft rotation/water flow
-forward rotation by foot

SPECIFICATIONS

Horsepower: 1.5HP

Air requirements:

60 PSI @ 85 CFM Min.
100 PSI @ 130 CFM Max.

Flexible Shaft Speed: 0-3000 rpm

Flexible Shaft Speed: 1425 rpm

Weight(dry): 24 lbs cabinet

Dimensions: 18"x 9"x10.5".

Unit Price: Call

Contractor's Package: Part Number-TCM201A

- 1 Tube Cleaning Machine
- 1 Flexible Shaft 25'
- 12 Nylon Brushes 5/8"
- 12 Polish/Cleaning Brushes
- 1 Shaft Lubricator
- 2 Lubricating Fluid 8oz.
- 1 Repair Crimping Block
- 2 Tool Repair Coupling
- 2 Drive Repair Coupling

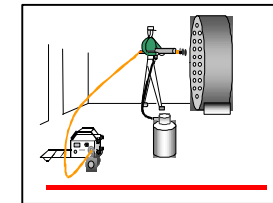
Call for Pricing

TCM-2000H(A) Dual Purpose-Boiler/Chiller Machine

The TCM-1050H is our Dual Purpose Machine. This single machine can clean both boilers and chillers thus reducing the cost of purchasing two machines. It features a sturdy steel cabinet, 4hp. pneumatic motor, heavy duty water solenoid, and high torque for powerful scrubbing of internal tubes.

It also includes a 1.295m frame with 254mm pneumatic tires, large storage box for tools and brushes and a removable base for confined areas.

A single operator can easily clean tubes thoroughly.



FEATURES:

Dual Purpose: Cleans both boiler and chillers.

High Torque: Powerful unit spins large brushes
Also:

Same features as TCM1050
*** Build-in Air Lubricator**

SPECIFICATIONS

Horsepower: 4HP, pneumatic motor, belt-driven

Air requirements:

60 PSI @ 85 CFM Min.
100 PSI @ 130 CFM Max

Flexible Shaft Speed:

0-1500 rpm

Weight(dry): 20kg cab.

10kg frame/dolly

Dimensions:

483mmx394mmx273mm Cab.

1.295mx533mmx432mm frame

Unit Price: Call

Contractor's Package: Part Number-TCM2001H(A)

- 1 Boiler/Chiller Cleaning Machine
- 1 Boiler Flexible Shaft 25'
- 1 Chiller Flexible Shaft 25'
- 2 Carbon Steel Boiler Brush 2"
- 24 Nylon Brushes 5/8"
- 24 Polish/Cleaning Brushes
- 1 BTA100 Boiler Gun
- 1 Shaft Lubricator
- 4 Lubricating Fluid 8oz.
- 1 Repair Crimping Block
- 4 Tool Repair Coupling ea.
- 4 Drive Repair Coupling ea.
- 1 Commercial Boiler Vacuum

Call for Pricing

Flexible Shafts



Heavy Duty

What makes our better?

- * Stronger- GI warranties them.
- * Universal design- fits on your equipment

Part

Number	Description
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(For tubes 7/16"-1/2" (11.1-12.7mm) I.D.)

FS-225	Flexible Shaft 25' (7.6m)
FS-235	Flexible Shaft 35' (10.7m)
FS-245	Flexible Shaft 45' (13.7m)

(For tubes 9/16"-1" (14.3-25.4mm) I.D.)

FS-315	Flexible Shaft 15'
FS-325	Flexible Shaft 25' (7.6m)
FS-335	Flexible Shaft 35' (10.7m)
FS-345	Flexible Shaft 45' (13.7m)
FS-360	Flexible Shaft 60' (18.3m)
FS-375	Flexible Shaft 75' (22.9m)

For Internally Spiraled Tubes(tubes 5/8"-1" (15.9-25.4mm ID)

FS-425	Flexible Shaft 25' (7.6m)
FS-435	Flexible Shaft 35' (10.7m)
FS-445	Flexible Shaft 45' (13.7m)
FS-460	Flexible Shaft 60' (18.3m)

Application for Tubes 1" and Up (25.4mm and Up ID)
& for Duct Cleaning Shafts

FS-525	Flexible Shaft 25' (7.6m)
FS-535	Flexible Shaft 35' (10.7m)
FS-550	Flexible Shaft 50' (15.2m)

Application for Tubes 1" and Up (Stainless Steel Casing)

FS-625	Flexible Shaft 25' (7.6m)
FS-635	Flexible Shaft 35' (10.7m)
FS-650	Flexible Shaft 50' (15.2m)

Flexible Shafts "STOPS"

FS-200-S	STOP for FS-200 series shafts
FS-300-S	STOP for FS-300 series shafts
FS-400-S	STOP for FS-400 series shafts

Shaft Series	Core O.D.	Casing O.D.
FS-200	6.4mm	9.5mm
FS-300	7.9mm	12.7mm
FS-400	9.5mm	14.3mm
FS-500	12.7mm	19.1mm

Note: Custom Flexible Shafts are available, contact Factory for pricing and delivery

Brushes

Light Deposits

SB-100

Nylon Brushes re recommended for cleaning mud, algae and soft deposits in copper, brass, plastic, etc in straight non-ferrous tubes. 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16" or 1" (11.1mm, 12.7mm, 14.3mm, 15.9mm, 17.5mm, 19.1mm, 20.6mm, 22.2mm, 23.8mm, or 25.4mm)
Note: Please Specify Size when ordering and remember the brush should be equal to or 1/16 (1.6mm) smaller than tube I.D.



Medium Deposits

SB-400

Nylon Impregnated Brush (Cleaning/Polishing) (320 grit) that are recommended for cleaning light scale material and polishes tubes in straight ferrous and non-ferrous tubes.
Note: Please Specify Size when ordering and remember the brush are designed to be oversized to provide a better cleaning and polishing.



SB-420	(Dia. 19.1mm) Spin-Grit brush for 1/2"-9/16" (11.1-14.3mm) I.D.
SB-430	(Dia. 25.4mm) Spin-Grit brush for 5/8"-11/16" (15.9-17.5mm) I.D.
SB-440	(Dia. 32mm) Spin-Grit brush for 3/4"-1" (19.1-25.4mm)

Heavy Deposits

Flex Hone Brushes 120 grit
Flex Hone Abrasive Brushes

are for cleaning deposits in straight tubes. They are made of 120 grit silicon carbide abrasive stones (balls). These brushes are self-centering and flexible and are excellent for cleaning tubes with tough deposits. Tube ID should correspond to brush size.



FH-043	FLEX HONE (11.1mm) 120 grit
FH-050	FLEX HONE (12.7mm) 120 grit
FH-062	FLEX HONE (15.9mm) 120 grit
FH-075	FLEX HONE (19.1mm) 120 grit
FH-087	FLEX HONE (22.2mm) 120 grit
FH-125	FLEX HONE (32mm) 120 grit
FH-150	FLEX HONE (38mm) 120 grit
FH-175	FLEX HONE (45mm) 120 grit
FH-200	FLEX HONE (51mm) 120 grit
FH-250	FLEX HONE (64mm) 120 grit
FH-225	FLEX HONE (57mm) 120 grit
FH-300	FLEX HONE (76mm) 120 grit

GI INDUSTRIES

THE NEXT GENERATION

PRODUCT CATALOG

Pneumatic Machines

**TUBE/DUCT/PIPE
CLEANING MACHINES,
FLEXIBLE SHAFTS,
PRESSURE WASHERS
VACUUMS AND
ACCESSORIES**



GI Industries manufactures the next generation of high quality, high performance maintenance equipment for HVAC systems.