

SUMMER

Welding Make-up Tools

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Catalog 907

Pipe Jacks

SUMNER

Sumner leads the pack with a comprehensive line of jack stand products. Presented here are standard jack models. Head options are featured on the following pages and large vee jacks begin on page 6.



Pack-Jack

Special features:

- 2,000 lb (900 Kg) capacity
- Folding legs
- Convenient carrying handle
- 1" square tube base construction
- Light weight

Note: Pack-Jack available only with vee-head. Ball transfer options can be used on Pack-Jack.

Pro Jack®

Special features:

- Formed steel legs
- 2,000 lb (900 Kg) capacity
- Priced for all budgets
- Strut tension plate for superior lateral support
- Quick-action lock washer
- Patented Fall Guard™



Heavy Duty Jack Plus

Special features:

- 3,500 lb (1580 Kg) capacity
- Rib-supported Vee-Head prevents "pancaking"
- Strut tension plate for superior lateral support
- Built for heavy use & abuse
- 1" square tube base construction
- Quick-action lock washer
- Patented Fall Guard™



Heavy Duty Jack

Special features:

- 2,500 lb (1135 Kg) capacity
- Strut tension plate for superior lateral support
- 1" square tube base construction
- Built for heavy use & abuse
- Quick-action lock washer
- Patented Fall Guard™



New Heavy Duty Jack feature!
Replacement legs for easy repair
(p/n 780675-KD)

Fold-A-Jack®

Special features:

- 2,500 lb (1130 Kg) capacity
- Folds up for storage ease
- 1" square tube base construction
- Quick-action lock washer
- Patented Fall Guard™



Patented

Standard features on all Sumner Jacks:

- ✓ 1-1/2" (38 mm) Acme fine adjustment thread — the largest in the industry
- ✓ Large, convenient adjustment handle
- ✓ Set screw for double margin of safety
- ✓ Set screw can lock jack head to stand — no loose pieces
- ✓ Jack independently load tested for quality assurance
- ✓ CE rated
- ✓ Backed by over thirty-five years of jack stand manufacturing experience



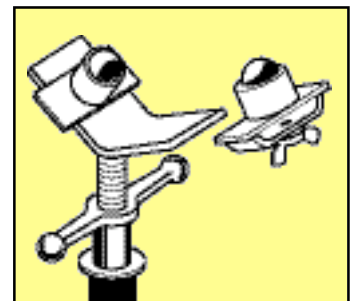
Sumner offers a choice of 5 head styles for every application:



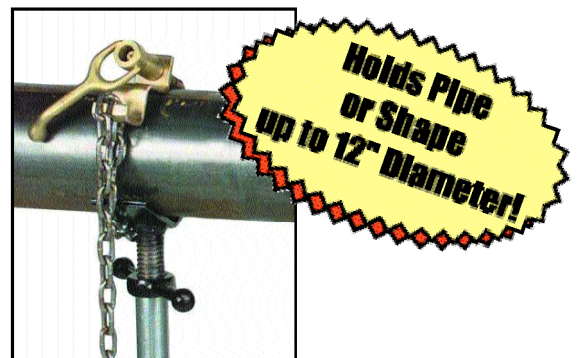
Model	Standard Vee-Head	Ball Transfer Head	Steel Wheel Head	Rubber Wheel Head	Bar Stock Head
Part Number (non-stainless steel)	780518	780518 & 780551	780514	780499	780519 (Hi) 780944 (Low)
Part Number (stainless steel)	780498	780518 & 780274	780517	not available	not available
Pro Jack & Fold-A Jack capacity	2,000 lb 900 kg	1,000 lb 450 kg	2,000 lb 900 kg	1,000 lb 450 kg	2,000 lb 900 kg
Heavy Duty Jack capacity	2,500 lb 1135 kg	1,000 lb 450 kg	2,000 lb 900 kg	1,000 lb 450 kg	2,000 lb 900 kg
pipe size	1/8 – 36" 3 – 900 mm	3/8 – 12" 10 – 300 mm	1 1/4 – 24" 30 – 600 mm	1 1/2 – 24" 40 – 600 mm	1/8 – 10" (Flat) 3 – 250 mm
application	general welding of pipe shapes, solids and rounds	rotation of pipe or tubing in all directions	welding of pipe and rounds	non-marring surface, roll welding of pipes and rounds	welding of flats and shapes

Ball Transfers

Standard Vee-Head Ball Transfer Set
 part number 780551 (non-stainless steel)
 part number 780274 (stainless steel)
 Ball Transfer attachments slide over the standard vee-head. Offset design accommodates 3/8–12" (10–300 mm) pipe sizes. 1,000 lb (450 Kg) capacity.



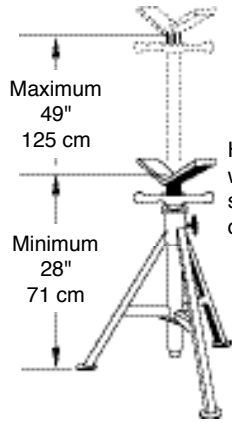
Hold-Down Device



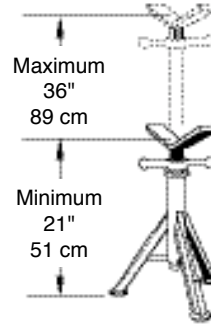
Part No.	Description	Weight	
		Lb.	Kg.
781050	ST-448 Hold-Down Device	6.5	2.9
781056	Chain Extension Kit (12" pipe increments)	3.5	1.6

Similar in operation to a chain vise for pipe, the **Hold-Down Device** uses high tensile strength chain to grip material in any Sumner vee-head jack. Ideal for fitting up flanges, fittings or valves, and a must when working with short lengths.

Sumner's Jacks are available in heights and head styles to suit your welding needs



Hi Jacks for perfect work height on shapes or pipe 24" in diameter or smaller



Lo Heavy Duty Jacks for larger shapes or pipe over 24" in diameter

Hi Jacks (Heavy Duty)			
Part No.	Description	Weight	
		Lb.	Kg.
780375	ST-801 w/Vee-Head	23.0	10.4
780376	ST-802 w/Roller Head	26.0	11.8
780377	ST-803 w/Bar Stock Head	21.0	9.5
780378	ST-804 w/Stainless Steel Rollers	26.0	11.8
780379	ST-805 w/Stainless Steel Vee-Head	24.0	10.9
780380	ST-806 w/Ball Transfer Head	30.0	13.6
780381	ST-807 w/Rubber Wheels	25.0	11.3

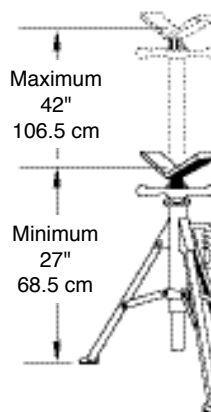
Hi Jacks (Pro Jack®)			
Part No.	Description	Weight	
		Lb.	Kg.
780471	ST-871 w/Vee-Head	22.0	10.0
780472	ST-872 w/Roller Head	25.0	11.3
780473	ST-873 w/Bar Stock Head	17.0	7.7
780474	ST-874 w/Stainless Steel Rollers	25.0	11.3
780475	ST-875 w/Stainless Steel Vee-Head	23.0	10.4
780476	ST-876 w/Ball Transfer Head	28.0	12.7
780477	ST-877 w/Rubber Wheels	24.0	10.9

Hi Jacks (Fold-A-Jack®)			
Part No.	Description	Weight	
		Lb.	Kg.
781300	ST-881 w/Vee-Head	25.0	11.3
781301	ST-882 w/Roller Head	28.0	12.7
781302	ST-883 w/Bar Stock Head	23.0	10.4
781303	ST-884 w/Stainless Steel Rollers	28.0	12.7
781304	ST-885 w/Stainless Steel Vee-Head	26.0	11.8
781305	ST-886 w/Ball Transfer Head	32.0	14.5
781306	ST-887 w/Rubber Wheels	27.0	12.2

Heavy Duty Jack Plus			
Part No.	Description	Weight	
		Lb.	Kg.
780326	w/Ribbed Vee-Head	25.0	11.3

Lo Jacks (Heavy Duty)			
Part No.	Description	Weight	
		Lb.	Kg.
780385	ST-901 w/Vee-Head	19.0	8.6
780386	ST-902 w/Roller Head	22.0	10.0
780387	ST-903 w/Bar Stock Head	18.0	8.2
780388	ST-904 w/Stainless Steel Rollers	22.0	10.0
780389	ST-905 w/Stainless Steel Vee-Head	20.0	9.1
780390	ST-906 w/Ball Transfer Head	26.0	11.8
780391	ST-907 w/Rubber Wheels	21.0	9.5

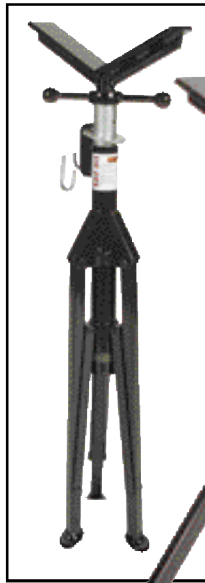
Lo Jacks (Fold-a-Jack®)			
Part No.	Description	Weight	
		Lb.	Kg.
781310	ST-981 w/Vee-Head	17.0	7.7
781311	ST-982 w/Roller Head	20.0	9.1
781313	ST-984 w/Stainless Steel Rollers	20.0	9.1
781314	ST-985 w/Stainless Steel Vee-Head	18.0	8.1
781315	ST-986 w/Ball Transfer Head	24.0	10.9
781316	ST-987 w/Rubber Wheels	19.0	8.6



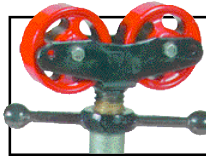
Pack-Jack's height range is convenient for work on shapes or pipe 24" in diameter or smaller

Pack-Jacks			
Part No.	Description	Weight	
		Lb.	Kg.
781100	w/Vee-Head	21.0	9.5

FAT JACK



- ✓ Large vee head
- ✓ Wide base
- ✓ Folding base
- ✓ Ribbed vee
- ✓ Ideal for large pipe



Roller head available



2,000 lb (900 kg) weight capacity

Larger vee to accommodate larger pipe

Ribbed vee design strengthens vee frame... no vee head bending or "pancaking"

Part No.	Description	Weight	
		lb	Kg
781375	Fat Jack	28.0	12.7
781380	Fat Jack with Roller Head	31.0	14.1

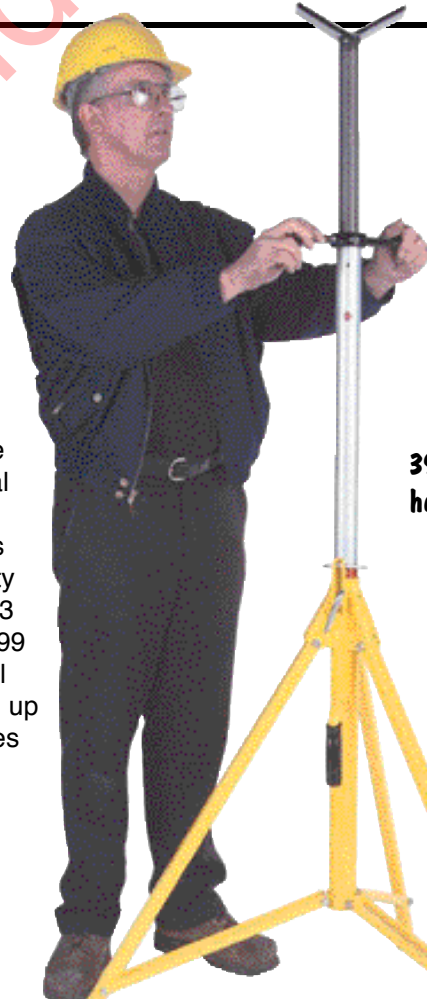
Hi Boy™ JACK STAND



Sumner now offers a tall jack specifically designed for tight pipe installation, such as in mechanical rooms or tunnels. The Hi Boy is a safe, portable folding stand that is easy to transport and holds a hefty 1,000 pounds (450 Kg) at 72" (183 cm). In its lowest position of 39" (99 cm), the Hi Boy is ideal for normal fabrication of weld pipe. Legs fold up for convenient storage in job boxes or truck beds.

Be safe, be sure... try out the versatile Hi Boy Jack Stand.

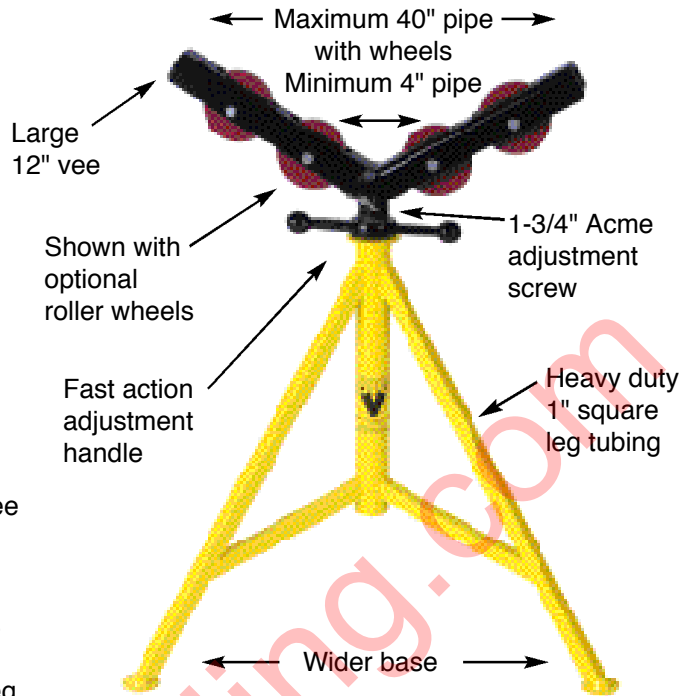
Part No.	Description	Weight	
783250	Hi Boy Jack Stand	40.0 lb	18.1 Kg



39" to 72" height range!

Large pipe fabricator stands capable of supporting 2500 lb. (1135 kg.) each!

SUMNER



BIG VTM

Sumner now offers the Big Vee Jack to fabricators of large diameter pipes. With a wider base, 1-3/4" Acme adjustment screw and greater load capacity, the Big Vee is the ideal stand for this application. It is a 3-leg heavy duty jack stand built tough for the demands of larger pipes at an affordable price!

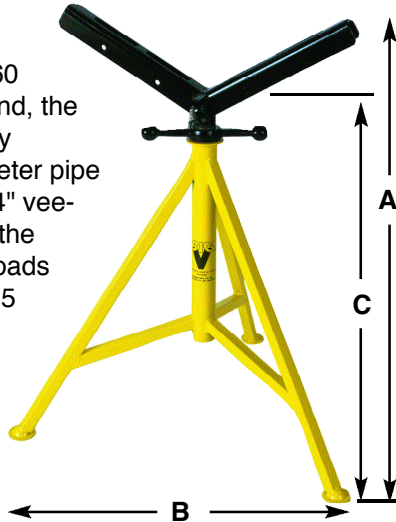
MAX-JAXTM

The versatile Max Jax is the ideal fabricator stand. The large 12" vee head and heavy duty four-legged design offers the welder an extra margin of safety on pipe up to 40". With optional accessories, such as the heavy duty casters and Sumner Hold-Down Device, pipe weighing 2500 Lb. (1135 kg.) per Max Jax can be wheeled with ease from storage rack... to welding bay... and onto the shipping dock. This means the load is lifted only once, resulting in a reduction of 50% or more in handling costs. Plus large heavy loads can easily be located to the welder in the welding bay. No more awkward welding positions due to limited material handling systems.



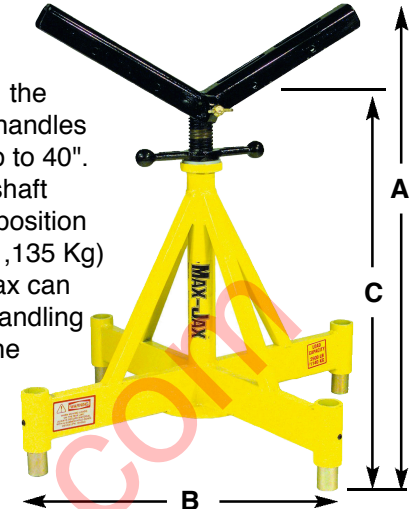
Basic Big Vee

Part Number 780260
Used as a Jack stand, the basic Big Vee safely handles large diameter pipe up to 40". The 1-3/4" vee-head shaft permits the welder to position loads up to 2,500 lb (1,135 Kg) with ease.



Basic Max Jax

Part Number 781400
Used as a Jack stand, the basic Max Jax safely handles large diameter pipe up to 40". The 1-3/4" vee-head shaft permits the welder to position loads up to 2,500 lb (1,135 Kg) with ease. The Max Jax can be used for material handling when equipped with the Caster Kit and the Sumner Hold Down Device.



Large Vee-Head Jack Accessories

Caster Kit (PN 781405)

Steel Wheel Caster Kit (PN 781404)



Max Jax only

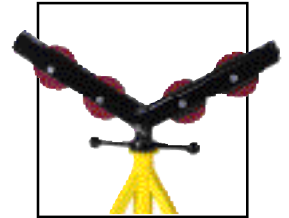
Four 8" heavy duty casters make up the Max Jax Caster Kit. The casters have a quick action braking system.



Roller Head Kit (PN 781406)

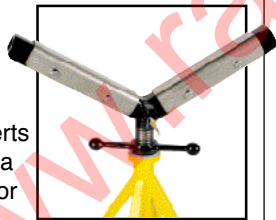
Stainless Steel Roller Head Kit (PN 781407)

The Roller Head Kit option provides four true rollers which can be quickly mounted into the 12" vee-head. Roller wheels come in either steel or stainless steel.



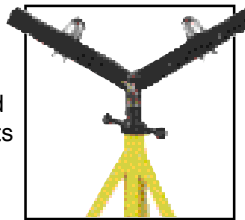
Stainless Steel Sleeves (PN 781408)

When working with stainless steel pipe, the sleeve option instantly converts the Max jax to a specialty tool for stainless steel welding, preventing carbon contamination



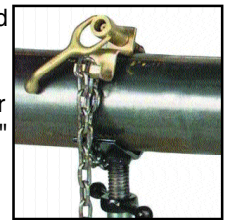
Ball Transfers (PN 780277)

Consists of two 1-1/2" ball transfers which can be mounted in vee-head slots for a range of 3/8—36" (9—915 mm) pipe. 1,000 lb (455 Kg) capacity.



Hold Down Device (PN 781050)

The Sumner Hold Down Device uses high tensile strength chain for gripping up to 12" pipe onto the large vee-head when either welding or using the Max Jax for material handling. Chain extension kits are available for pipe up to 40".

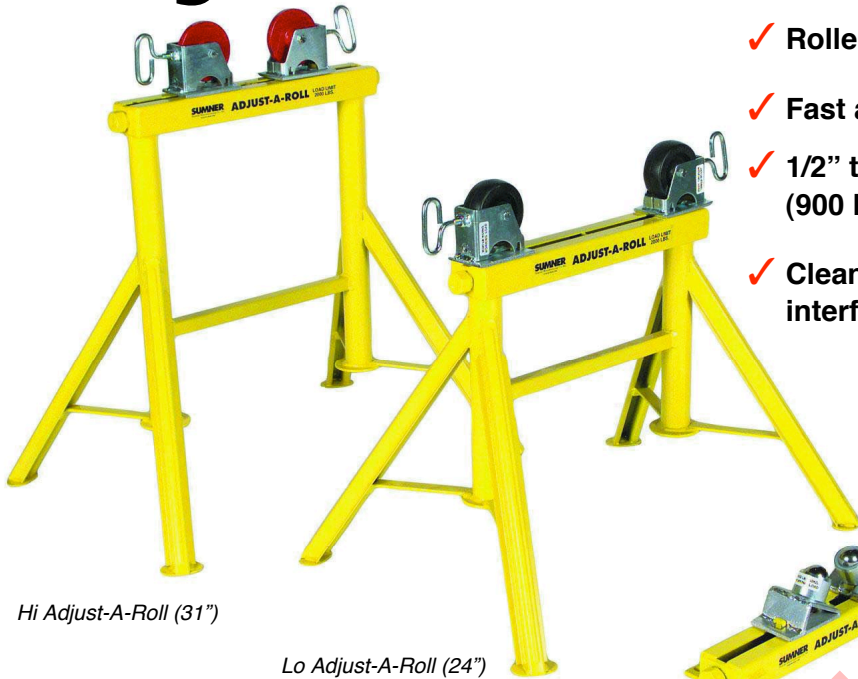


		Specifications	
		Max Jax	Big Vee
Load Capacity		2,500 lb (1,134 Kg)	2,500 lb (1,134 Kg)
Basic Unit	A (height)	27.0" (686 mm)	35.5" (902 mm)
	B (width)	29.6" (752 mm)	29.5" (749 mm)
Basic Unit with casters	(height)	36.5" (927 mm)	not applicable
	(width)	39.5" (1,003 mm)	not applicable
Vee-Head height	C (min.)	21.0" (533 mm)	29.5" (749 mm)
	(max.)	33.0" (838 mm)	41.0" (1,041 mm)
Vee-Head height with casters	(min.)	30.5" (775 mm)	not applicable
	(max)	42.5" (1,080 mm)	not applicable

Part No.	Description	Weight	
		Lb.	Kg.
780260	Basic Big Vee	36.0	16.3
781400	Basic Max Jax	58.0	26.3
781404	Steel Wheel Caster Kit (Max Jax)	58.0	26.3
781405	Caster Kit (Max Jax)	55.0	25.0
781406	Roller Head Kit	8.0	3.6
781407	Stainless Steel Roller Head Kit	9.0	4.1
781408	Stainless Steel Sleeves	5.0	2.3
781050	Hold Down Device	6.5	2.9

Adjust-A-Rolls®

SUMNER



Hi Adjust-A-Roll (31")

Lo Adjust-A-Roll (24")

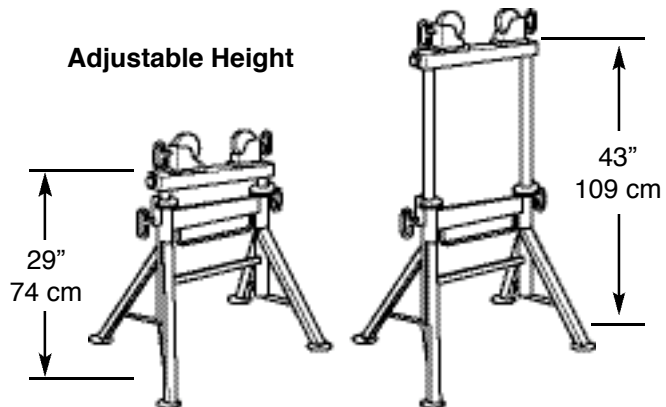
Table Adjust-A-Roll

- ✓ Roller adjustment from either side
- ✓ Fast adjustment for easy pipe positioning
- ✓ 1/2" to 48" (1.2 – 120 cm), or 2,000 Lb (900 Kg) pipe capacity
- ✓ Clean and simple design avoids welder interference
- ✓ Wheels trued for true pipe rotation
- ✓ Bronze bearing to eliminate arcing
- ✓ Brake to lock loads for lay-out or fit-up
- ✓ Handle large enough to work with gloved hand

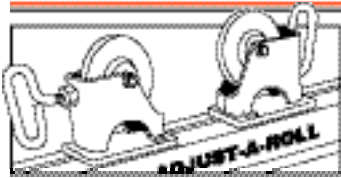
Pro Roll™



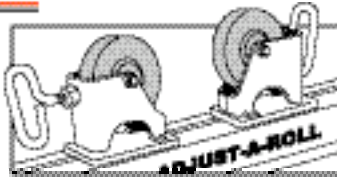
Adjustable Height



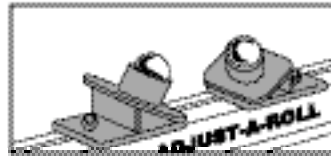
- ✓ More features
- ✓ Adjustable height
- ✓ 1/2 – 48" (1.2 – 120 cm) or 2,000 Lb (900 Kg) capacity
- ✓ Leveling on either side of stand
- ✓ Uses Quick Change Housings



Carbon Steel or Stainless Steel Roller Head
2,000 lb (900 Kg) capacity



Rubber Wheel Roller Head
1,000 lb (450 Kg) capacity



Ball Transfer Roller Head
1,000 lb (450 Kg) capacity
carbon or stainless steel balls



Bar Stock Head
2,000 lb (900 Kg) capacity
Two position roller for containment or non-containment of material

- ✓ Wheels "trued" for even pipe rotation
- ✓ Bronze bearings to eliminate arcing
- ✓ Brake to lock loads for lay-out or fit-up
- ✓ Handles large enough to grip with a gloved hand
- ✓ Quick Change design increases roller stand utility

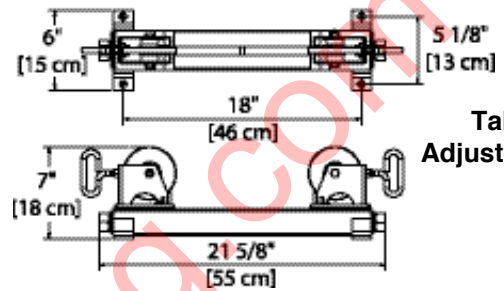


Table Adjust-A-Roll

Hi Adjust-A-Roll

Part No.	Description	Weight	
		Lb	Kg
780365	ST-601 with steel wheels	34	15.4
780366	ST-602 with ball transfer heads	33	15.1
780367	ST-603 with rubber wheels	33	15.1
780368	ST-604 with stainless steel wheels	33	15.1
780369	ST-605 with bar stock head	40	18.2
780399	Hi Adjust-A-Roll [base only]	24	10.9

Lo Adjust-A-Roll

Part No.	Description	Weight	
		Lb	Kg
780370	ST-701 with steel wheels	29	13.2
780371	ST-702 with ball transfer heads	31	14.1
780372	ST-703 with rubber wheels	31	14.1
780373	ST-704 with stainless steel wheels	31	14.1
780359	ST-705 with bar stock head	38	17.3
780405	Lo Adjust-A-Roll [base only]	12	5.5

Table Adjust-A-Roll

Part No.	Description	Weight	
		Lb	Kg
780360	ST-501 with steel wheels	20	9.0
780361	ST-502 with ball transfer heads	18	8.2
780362	ST-503 with rubber wheels	19	8.6
780363	ST-504 with stainless steel wheels	20	9.0
780364	ST-505 with bar stock head	26	11.8
780500	Table Adjust-A-Roll [base only]	12	5.5

Pro Roll

Part No.	Description	Weight	
		Lb	Kg
780440	Pro Roll [base only]	36	16.4
780441	Pro Roll with steel wheels	44	20.0
780442	Pro Roll with ball transfer heads	43	19.6
780443	Pro Roll with rubber wheels	43	19.6
780444	Pro Roll with stainless steel wheels	44	20.0
780446	Pro Roll with bar stock head	52	23.6

Hi Adjust-A-Roll, Lo Adjust-A-Roll, and Pro Roll have a width of 31" (80cm) and a depth of 23" (58.5cm).

Quick Change Roller Housings

for Sumner
Pro Roll and
Adjust-A-Rolls

Sumner's innovative Quick Change Roller Housings increase the utility of its roller stand product line. Roller housings can be changed in a snap, without tools, to adapt to changing job needs. Roller wheels available in steel, stainless steel or rubber. Ball transfer heads, with carbon or stainless steel balls, and bar stock heads are also available.



Patent Pending

Part No.	Description	Weight	
		Lb	Kg
783151	Quick Change Housing with steel wheels	8.0	3.6
783152	Quick Change Housing with rubber wheels	7.0	3.2
783153	Quick Change Housing with stainless steel wheels	8.0	3.6
783154	Quick Change Housing with ball transfer head	7.0	3.2
783155	Quick Change Housing with bar stock head	16.0	7.2
783159	Quick Change Housing with stainless steel ball transfer head	7.0	3.2

Cricket™

More than a Pipe Buggy!

- ✓ Transport 20 ft (6.1 m) pipe lengths up to 1,000 Lb. (450 Kg)
- ✓ Comes with ratchet hold-down strap and 16" tubed tires.
- ✓ Weighs only 70 Lb (31.8 Kg)... can be shipped U.P.S.
- ✓ Quick handle disconnect for compact storage.
- ✓ Carries up to 12" diameter pipe.
- ✓ Ideal job-site material carrier.



Uses leverage to lift pipe!



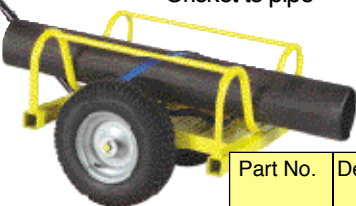
1 use ratchet to secure Cricket to pipe



2 use handle to flip Cricket & pipe



3 reposition handle



Part No.	Description	Height		Width		Width between Wheels		Length		Weight	
		inch	cm	inch	cm	inch	cm	inch	cm	Lb	Kg
782699	Cricket	21	53	28	71	16	41	28	71	70	33

SUMNER



MAG RACK



Patent Pending

A Mobile Conduit & Pipe Storage Rack!

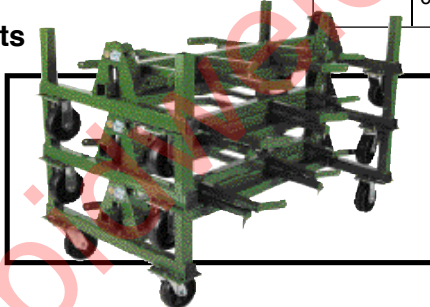
- ✓ Double wall square tubing
- ✓ Eight bins of storage
- ✓ Arms fold easily with plunger pins
- ✓ 6" Heavy duty casters *standard* with each Mac Rack
- ✓ Powder coat finish
- ✓ Priced for all budgets

SPECIFICATIONS	With Casters		Without Casters	
	inch	cm	inch	cm
Height Stowed	17.75	45.0	10.5	26.6
Height Operating	61.5	155.6	53.75	136.5
Length	58.5	148.6	58.5	148.6
Width	33.0	83.8	33.0	83.8
Ground Clearance	7.5	19.1	—	—
Weight	145 lb	65.9 kg	117 lb	53.2 kg

Part No.	Description	Weight	
		Lb	Kg
783317	Mac Rack -complete with two 6" swivel casters and two 6" straight casters	145	65.9



Support masts nest into base by pulling plunger pins. Masts fold up in seconds – no loose hardware or tools required.



Base design is compact and allows users to stack carts.



A great transporter of pipe, strut, hanging rod, conduit, etc.

Grasshopper

Texas Pipe Dolly



Enables one man to lift 2,000 lb (900 Kg) unassisted!



- ✓ Special sliding chain block design accommodates long and short loads
- ✓ Carries up to 20" diameter pipe, tool boxes, fittings and valves

Now shipped on a convenient pallet requiring only 15 minutes for assembly.

GRASSHOPPER SPECIFICATIONS						LOAD CAPACITY											
Part No.	Description	Weight lb	kg	Length ft.	cm	Weight lb	kg	Length ft.	cm	Width in.	cm	Height in.	cm				
780351	ST-401 Grasshopper	155	70.0	12	366	35	89	40	102	2,000	900	20	610	20	51	28	71

ULTRA *Clamp*

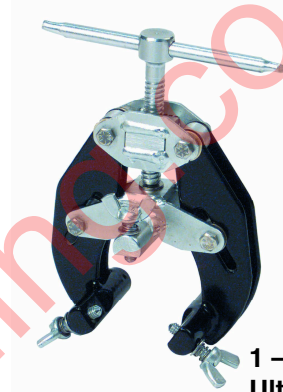
A fast, accurate fit-up clamp
for pipe to pipe,
pipe to fitting...
and more!



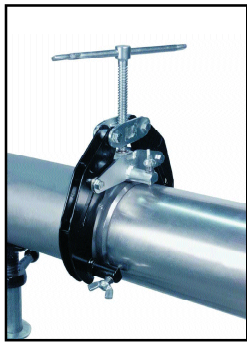
5 – 12" Ultra Clamp
(127 – 300 mm)



2 – 6" Ultra Clamp
(50 – 150 mm)



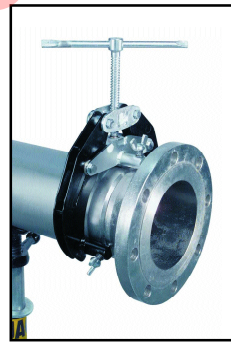
1 – 2 1/2"
Ultra Clamp
(25 – 65 mm)



Pipe to Pipe



Pipe to Fitting



Pipe to Flange



Pipe to Tee

Part No.	Description	Weight	
		Lb	Kg
781130	1 – 2 1/2" Ultra Clamp	3.3	1.5
781150	2 – 6" Ultra Clamp	8.7	4.0
781170	5 – 12" Ultra Clamp	15.1	6.7

- ✓ All new rugged frame, built for job site use
- ✓ Smooth new roller clamping action for positive gripping
- ✓ Stainless steel contacts & alignment screws
- ✓ Operating handle repositions for close work
- ✓ Fine adjustment screws for quick fit-up
- ✓ Light weight for overhead work

SUMNER

ULTRA

fit

5 – 12" Ultra Fit
(127 – 300 mm)

2 – 6" Ultra Fit
(50 – 150 mm)

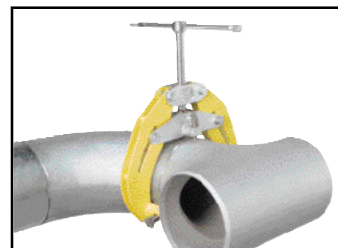
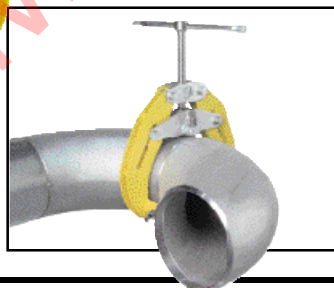
1 – 2 1/2" Ultra Fit
(25 – 65 mm)

A fast, accurate fit-up clamp for fitting to fitting!

- ✓ Rugged, compact design to operate in tight locations
- ✓ Stainless steel contacts & alignment screws
- ✓ Two-hand operating handle for positive gripping
- ✓ Fine adjustment screws for quick fit-up
- ✓ Light weight for overhead work
- ✓ Smooth roller clamping action for positive gripping

Fit-up two 90° fittings

Fit-up 90° fitting to tee



Part No.	Description	Weight	
		Lb	Kg
781265	1 – 2 1/2" Ultra Fit	3.0	1.4
781275	2 – 6" Ultra Fit	7.1	3.2
781285	5 – 12" Ultra Fit	12.0	5.5

FIT KIT



You get...

- ✓ one 2"-6" Ultra Clamp
- ✓ one 2"-6" Ultra Fit
- ✓ one 3"-8" Internal Fit-Up Clamp
- ✓ one set of carbon steel flange pins
- ✓ one Professional magnetic level
- ✓ and a sturdy metal tool box for storage.

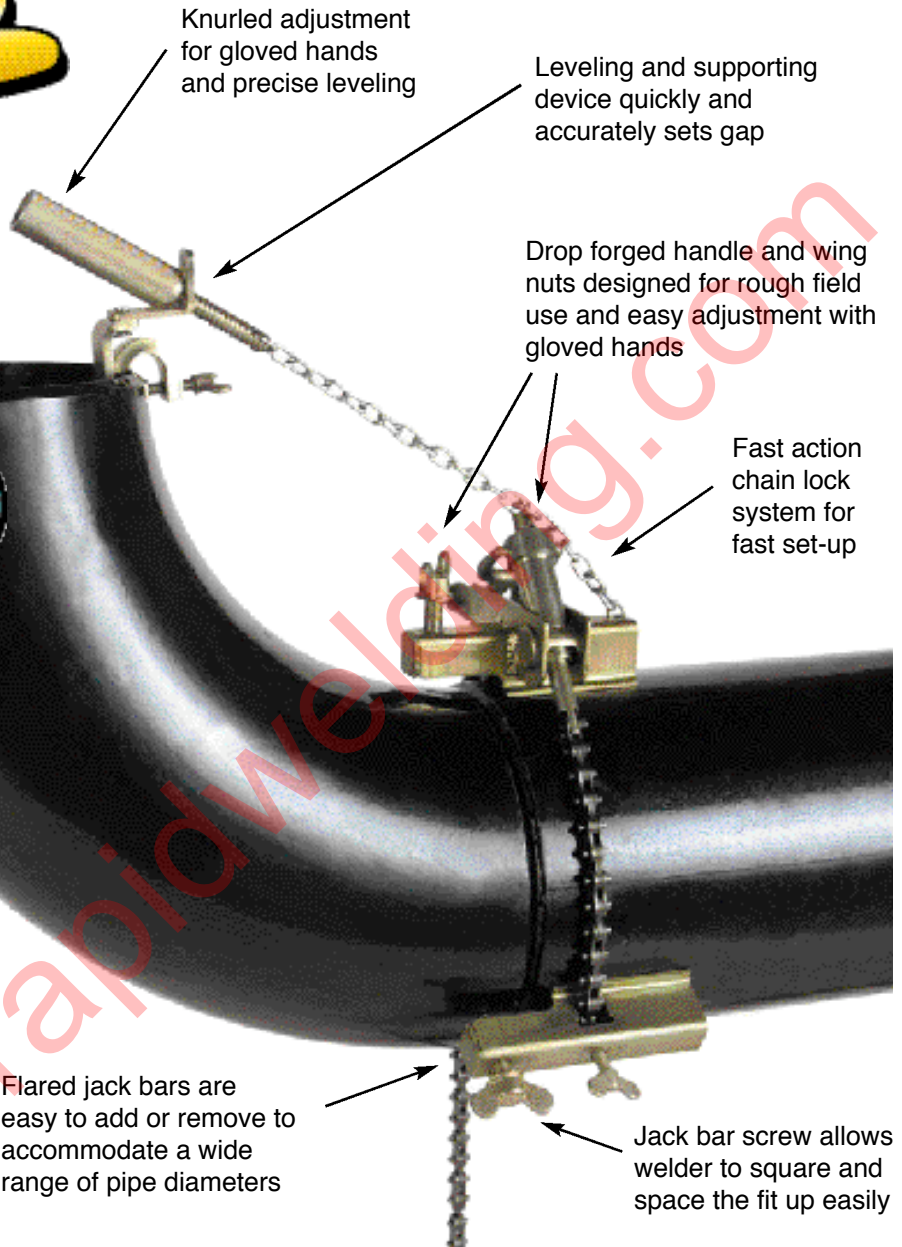
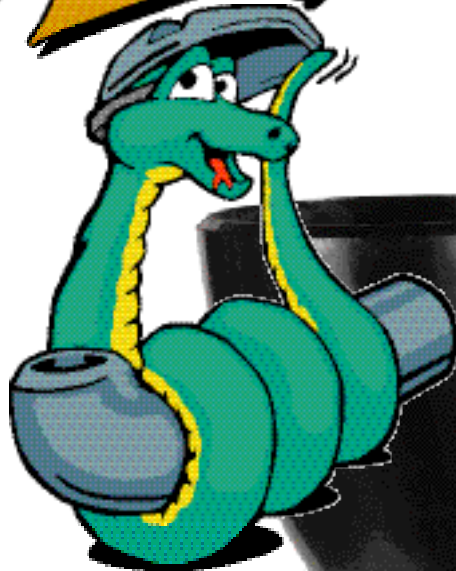
Now you can get the Ultra Clamp, the Ultra Fit, and the Internal Fit-up Clamp... all in one great package!

Part No.	Description	Weight	
		Lb	Kg
780324	Fit Kit	35.0	16.0

CLAMP Champ

Pipe alignment and clamping tool

SUMNER



Knurled adjustment for gloved hands and precise leveling

Leveling and supporting device quickly and accurately sets gap

Drop forged handle and wing nuts designed for rough field use and easy adjustment with gloved hands

Fast action chain lock system for fast set-up

All parts plated to resist rust

High tensile strength chain with black oxide finish

Flared jack bars are easy to add or remove to accommodate a wide range of pipe diameters

Jack bar screw allows welder to square and space the fit up easily

CLAMP CHAMP... an advanced solution for today's problem fit ups!

The Clamp Champ is built for the welder who takes pride in doing his job right... the first time. Constructed for years of trouble free job site use, the versatile Clamp Champ makes pipe fit-up simple and accurate – without the need of a helper. The Clamp Champ is similar to a pipe vise with fast, easy set up and solid chain engagement.

Each model offers:

FIT-UP CAPACITY

Pipe to Pipe
Pipe to Fitting
Pipe to Flange
Fitting to Fitting

Plus... Reforming up to schedule 40 pipe!

LOW COST

Half the cost of comparable cage clamps

LIGHTWEIGHT CONSTRUCTION

Engineered for strength without the weight

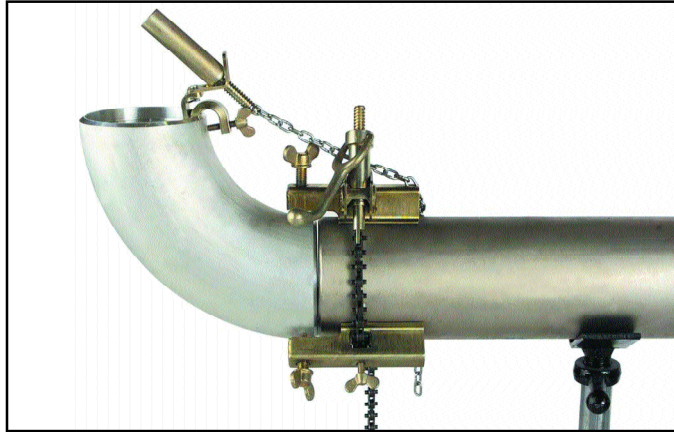
WIDE RANGE

1-10" (25-254 mm)
1-16" (25-406 mm)
10-36" (254-914 mm)
Carbon or Stainless

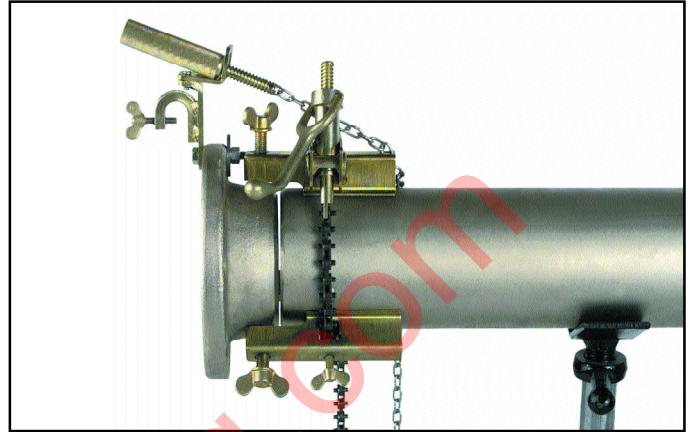
Plus... Conversion Kits to 48" (1200 mm) pipe!

CLAMP CHAMP VARIETY:

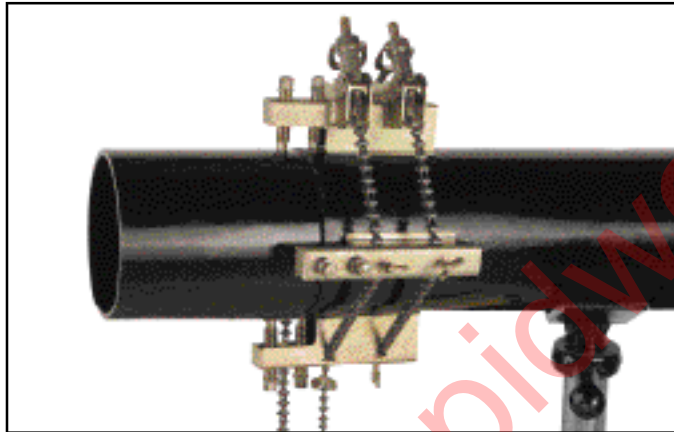
Each Clamp Champ is capable of a wide range of fit-ups... without additional accessories!



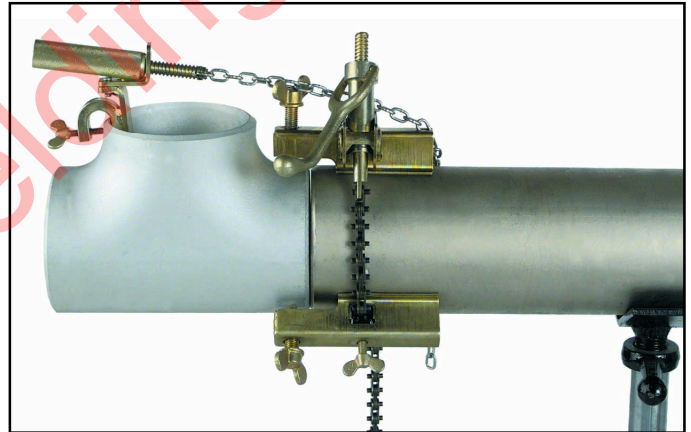
Pipe to 90° fitting



Pipe to flange



Pipe to pipe



Pipe to tee

Standard Kit:

Consists of metal carrying box, main block and chain, jack bars and instruction manual. Large Clamp Champ includes double jack screws for reforming 20 mm pipe wall.

Range	Model	Part No.	Description	Number of Jack Bars	Weight	
					Lb	Kg
1-10" (25-250 mm)	Standard	781000	ST-110 Standard Clamp Champ	3	22	10.0
1-10" (25-250 mm)	Stainless Steel	780999	ST-210 Stainless Steel Clamp Champ	3	22	10.0
1-16" (25-400 mm)	Standard	780998	ST-116 Standard Clamp Champ	5	27	12.3
1-16" (25-400 mm)	Stainless Steel	780997	ST-216 Stainless Steel Clamp Champ	5	27	12.3
10-36" (250-900 mm)	Standard	781250	Standard Clamp Champ	7	109	49.4
10-36" (250-900 mm)	Stainless Steel	781251	Stainless Steel Clamp Champ	7	109	49.4



Conversion Kit:

Consists of chain and jack bars to increase Clamp Champ capacity

Capacity Increase from	to	Model	Part No.	Number of Jack Bars	Chain Length	Weight	
						Lb	Kg
10" (250)	16" (400 mm)	Standard	781031	2	18" (457 mm)	7	3.2
10" (250)	16" (400 mm)	Stainless Steel	781032	2	18" (457 mm)	7	3.2
36" (900)	48" (1250 mm)	Standard	781252	2	30" (763 mm)	16	7.3
36" (900)	48" (1250 mm)	Stainless Steel	781253	2	30" (763 mm)	16	7.3



Internal Fit-up Clamp -the Ideal Fit-up Tool!

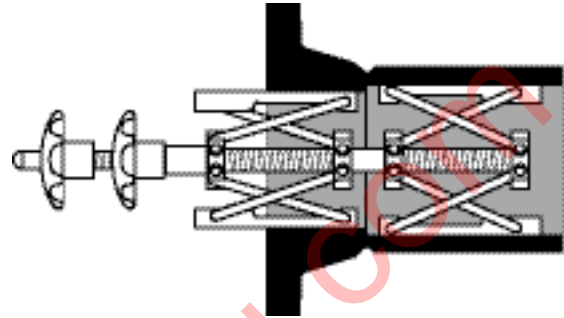
Part No.	Description	Weight
784101	3 – 8" (80 – 220 mm) Internal Fit-up Clamp	5.8 lb 2.6Kg



Part No.	Description	Weight
784100	2 – 4" (50 – 145 mm) Internal Fit-up Clamp	2.5 lb 1.1Kg

- ✓ Can be used on all standard weld neck flanges and great with slip on flanges
- ✓ Contact points stainless steel – a standard feature
- ✓ One piece construction – no loose pieces
- ✓ Quick action operation
- ✓ Priced right

NOTE: The Internal Fit-up Clamp is an alignment tool. A separate lifting device to support the flange weight is recommended.

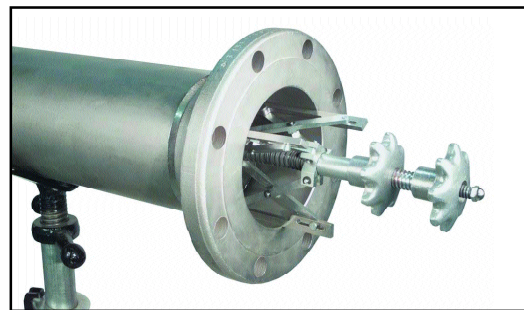


Two independently operated internal clamps align flange to pipe, even if internal dimensions differ.

Simple operation



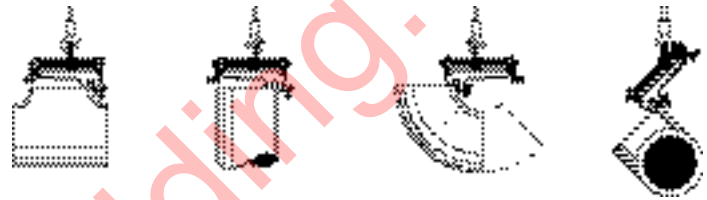
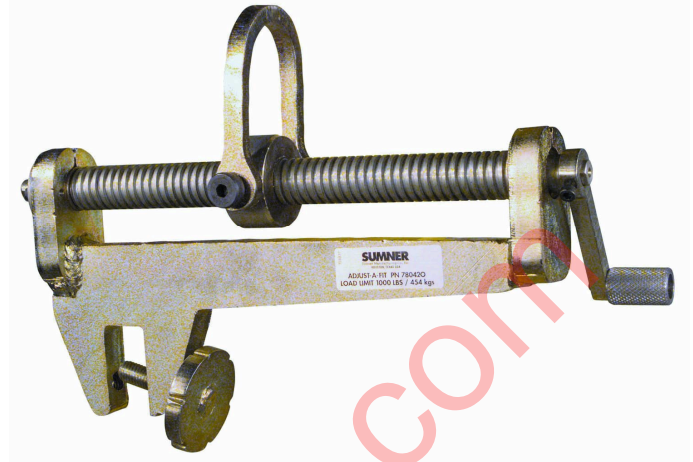
1. Tighten jaws to clamp pipe I.D.



2. Mount flange on second set of pipe jaws, adjust for gap and tighten jaws for final fit-up.

Adjust-A-Fit®

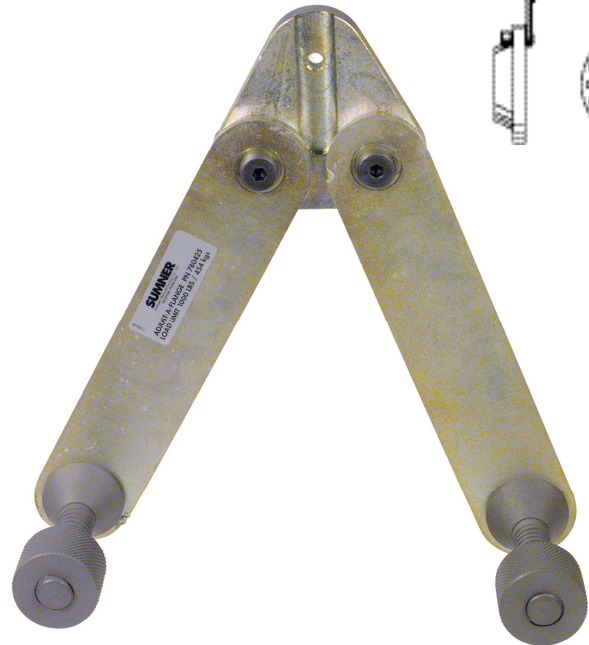
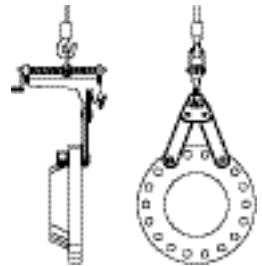
- ✓ Makes lining up fittings a trouble-free, one man operation
- ✓ Uses gravity to bring fittings for loads up to 45°
- ✓ Fastens directly onto fittings for loads up to 1,000 lb (450 Kg)
- ✓ Threaded shaft assembly is hardened for long tool life
- ✓ Cloverleaf setscrew and threaded shaft handle work from either side



Part No.	Description	Weight	
780420	ST-104 Adjust-A-Fit	11 lb	5.0 Kg

Adjust-A-Flange®

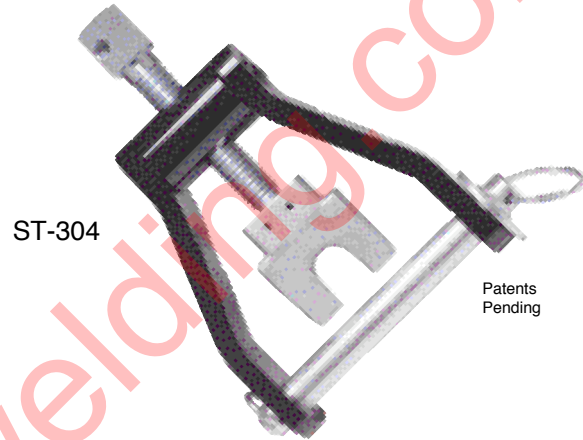
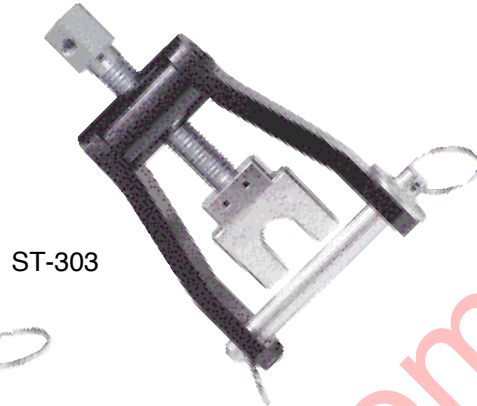
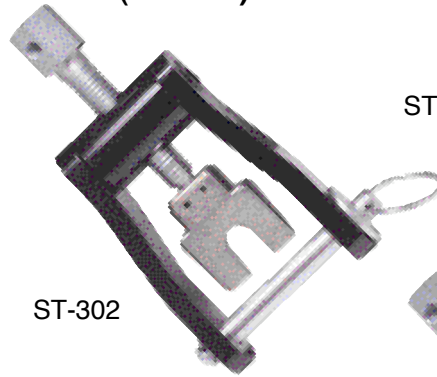
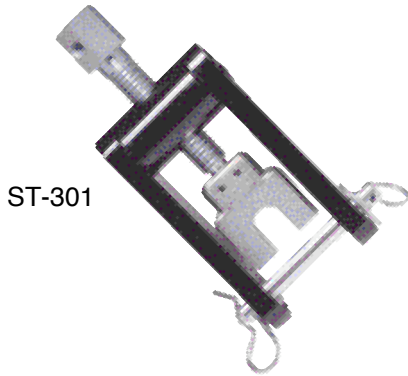
- ✓ Fits all flanges for 5" pipe and larger with bolt holes 3/4 to 1-5/8" (19 to 42 mm)
- ✓ Used in combination with the Adjust-A-Fit to bring pipe flanges to exact plumb for tack and weld out
- ✓ Eliminates 75% of the hard work in pipe fitting when used with the Adjust-A-Fit and Roust-A-Bout
- ✓ Handles loads up to 1,000 lb (450 Kg)
- ✓ Flange nuts serve as convenient reference points to check level



Part No.	Description	Weight	
780425	ST-105 Adjust-A-Flange	11 Lb	5.0 Kg

Flange SPREADER™

(Manual)



- ✓ 4 models to cover flange range from 1" (25 mm) to 24" (600 mm)
- ✓ Can be used for 150 lb. to 1,500 lb. flanges
- ✓ Hardened wedge for safe splitting
- ✓ Large feed screw
- ✓ Drive can be rotated by 1-3/8" wrench or 1/2" (12 mm) bar
- ✓ Compact design – strong enough for tough jobs

Part No.	Description	Spread	Pin Diameter	150 lb	300 lb	400 lb	600 lb	900 lb	1,500 lb
784003	ST-301 Flange Spreader	3" (76 mm)	5/8" (16 mm)	1 - 6"	0.75 - 4"	0.5 - 2"	—	—	—
784002	ST-302 Flange Spreader	4" (101 mm)	3/4" (19 mm)	2 - 12"	1.5 - 8"	1 - 4"	1 - 4"	1 - 2"	1 - 2"
784001	ST-303 Flange Spreader	5" (127 mm)	7/8" (22 mm)	5 - 24"	2.5 - 12"	1.5 - 8"	2 - 6"	1 - 4"	1 - 3"
784000	ST-304 Flange Spreader	6-3/8" (162 mm)	1" (25 mm)	10 - 24"	7 - 24"	3.5 - 16"	4 - 10"	1 - 8"	1 - 5"

Professional Magnetic Level

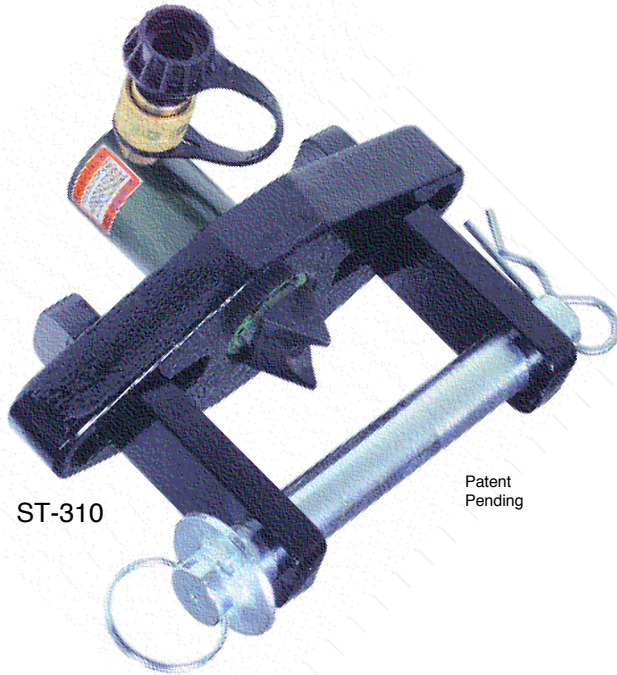


- ✓ Extra strong magnet will hold it firmly to any steel surface
- ✓ Two stationary vials can be read from any surface of the level
- ✓ The dial is in 2 1/2 degree increments with spring tension for easy operation

Part No.	Description	Width		Length		Weight	
		inch	cm	inch	cm	Lb	Kg
779940	Level	1.5	3.8	9.0	22.9	1.0	0.5

Flange SPREADER™

(Hydraulic)



ST-310

Patent Pending

- ✓ 10 ton flange splitter to tackle the tough jobs
- ✓ Spreader arms adjust from 2-3/4 to 8-1/2" (70 mm to 215 mm)
- ✓ Spring return, single action cylinder
- ✓ Hardened wedge
- ✓ Simple operation
- ✓ Hand pump and 6' (1.5 m) hose available as

Accessories:

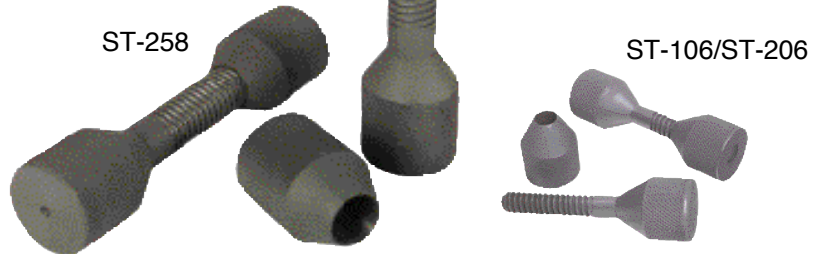
Part No. 777010
Hand hydraulic pump for Flange Spreader with 6' (1.5 m) hose and quick disconnect

Part No.	Description	Capacity	Cylinder Capacity	Cylinder Stroke	Flange Pin Size	150 lb	300 lb	400 lb	600 lb	900 lb	1,500 lb
784004	ST-310 Flange Spreader	9 x 92 mm	10 ton	2" 54 mm	1.25-1.63" 32-42 mm	22-42"	16-28"	14-24"	12-20"	8-16"	4-8"

Flange Pins

For accurate alignment of pipe flanges (carbon or stainless steel)

- ✓ Quick installing pins work as convenient reference points to level flange for tack and weld-out —no tools needed
- ✓ Hardened tapered ST-106 and ST-206 pins automatically center on 5/8" to 1-5/8" (16 to 42 mm) holes, ST-258 pins similarly set in 1-1/2 to 2-5/8" (38 to 66 mm) holes
- ✓ Features acme threads for maximum clamping power and hardened steel for long lasting use



ST-258

ST-106/ST-206

Part No.	Description	Weight	
780430	ST-106 Flange Pins	4 Lb	1.8 Kg
780429	ST-206 Stainless Steel Flange Pins	4 Lb	1.8 Kg
780650	ST-258 Flange Pins	32 Lb	14.5 Kg

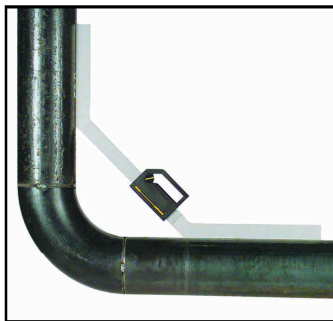


MUL-T-SQUARE®

SUMNER

Makes problem fit-up easy and simple set-ups a snap!

- ✓ Lightweight, but durable
- ✓ Handles up to 8" flanges and up to 14" fittings
- ✓ Versatile for measuring 45° and 90° angles



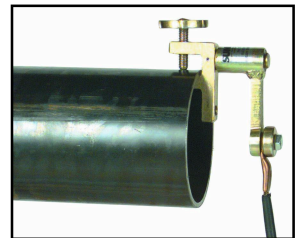
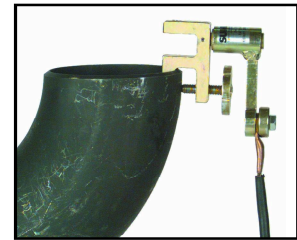
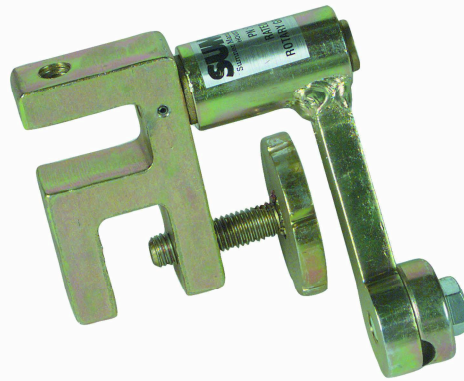
The Mul-T-Square consists of two 45° blades which slide effortlessly in an industrial-strength plastic handle. Each blade is made of durable 365/T-6 aircraft grade aluminum for precise alignment. The 10" and 14" arms allow for measurement of tight fit-ups or they can be expanded for up to 30" squaring of 90° fittings. In some instances, the 45° blades are handy by themselves for simple alignment. The blades are loosened or secured by a simple twist of the conveniently located locking knob.

Part No.	Description	Weight Lb Kg	
790000	Mul-T-Square (inch)	1.5	.7
790001	Mul-T-Square handle only	.3	.1
790002	Mul-T-Square blade only (inch)	.6	.3

Rotary Ground Clamp

Puts an end to tangled ground leads

- ✓ Rotary head turns with the pipe—puts an end to ground lead twist, tangle and wear
- ✓ Provides quick, positive ground for roll-out welding of pipe and fittings—eliminates weld pinholes caused by poor grounding
- ✓ Attaches and detaches in seconds
- ✓ Makes up ground leads three ways—lug, clamp-on and bare cable
- ✓ Positive anti-arc bearings take loads up to 400 amps



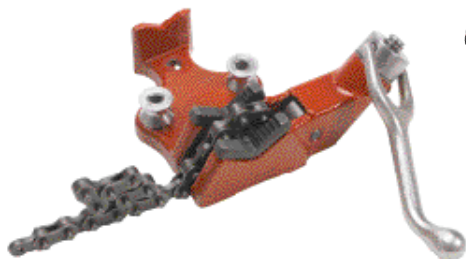
Part No.	Description	Weight	
780435	ST-107 Rotary Ground Clamp	5 lb	2.3 Kg

SUMNER

NLV™

(nice little vise)

TRI-STAND PIPE VISE & BENCH VISE



Bench Chain Vise

Part Number 783200

- ✓ 1/8 to 2-1/2" (3-60 mm) pipe capacity
- ✓ 1/2" pipe bending shoes
- ✓ Cast iron frame
- ✓ Hardened alloy steel jaws

NLV Tri-stand Pipe Vise

Part Number 783207

- ✓ 1/8 to 2-1/2" (3-60 mm) pipe capacity
- ✓ 1/2" pipe bending shoes
- ✓ 1" heavy wall tubing for greater stability
- ✓ Large rubber skid pads bolted to leg
- ✓ Convenient carrying handle
- ✓ Light weight
- ✓ Great price

Part No.	Description	Weight	
783207	NLV Tri-stand Chain Vise	29.0 lb	13.8 Kg
783200	Bench Chain Vise	7.5 lb	3.4 Kg

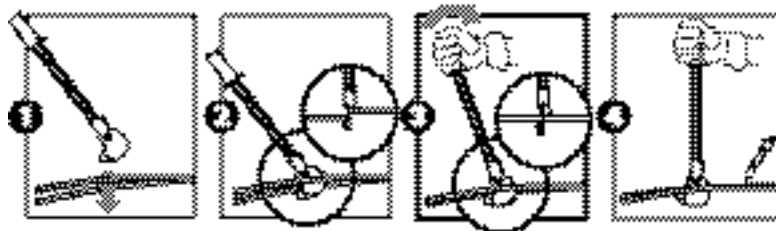
Fit Stix

The Perfect
Fit-Up Tool
for Steel
Plate!



Align steel plate quickly and easily with Fit Stix!

- ✓ Rugged, lightweight design.
- ✓ Fast, accurate alignments.
- ✓ Drop forged heads.
- ✓ Head can be used for setting gap



Fit Stix #3	Maximum Range: 1/8" (3 mm) Gap Setting: 1/16" (1.5 mm)
Fit Stix #8	Maximum Range: 5/16" (8 mm) Gap Setting: 5/64" (2 mm)
Fit Stix #12	Maximum Range: 1/2" (12 mm) Gap Setting: 3/16" (5 mm)

Part No.	Description	Weight	
		Lb	Kg
781850	Fit Stix #3	1.0	0.5
781860	Fit Stix #8	1.43	0.65
781870	Fit Stix #12	1.87	0.85

FAB-MATE™

SUMNER

The hoist for
all fab shop
needs!

- ✓ 1000 lb (450 Kg), 7 foot (2.1 m), lifting capacity
- ✓ Moves loads vertically and horizontally at the same time
- ✓ Sumner-built single-speed winch offers infinite positioning for accurate fit-ups
- ✓ 8" casters (200 mm) and special base allows load to "get close to the work"
- ✓ Accessories make Fab-mate extremely versatile
- ✓ Priced for all budgets



Capable of lifting
20' lengths (6.0 m)
of 10" pipe



Position fittings with
Sumner Adjust-A-Fit



Align flanges with
Sumner Adjust-A-Flange



Move plate with
plate lifting clamp

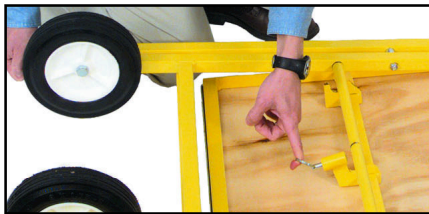
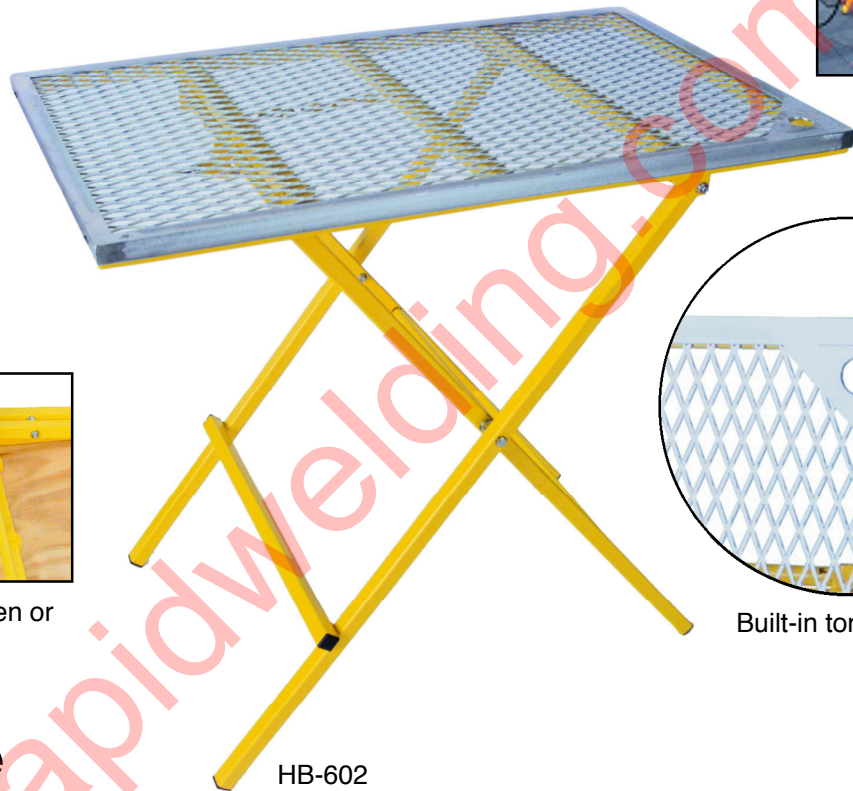
Part No.	Description	Height		Width		Length		Weight	
		inch	cm	inch	cm	inch	cm	Lb	Kg
783900	Fab-mate	88.5	224	35	89	44	111	206	93

HANDi-BENCH

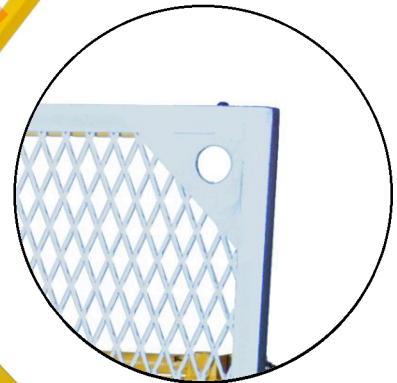
Use occasionally or as a permanent work bench

- ✓ Tough #9 expanded metal top
- ✓ 300 lb (135 Kg) or 600 lb (270 Kg) load capacity
- ✓ 1" square tube frame
- ✓ One piece construction
- ✓ 24 X 40" (60 X 100 cm) work surface
- ✓ Table top plated for ground clamp

a portable welding table



Plunger pin locks legs in open or folded position.



Built-in torch holder

HB-602

Available in two models:

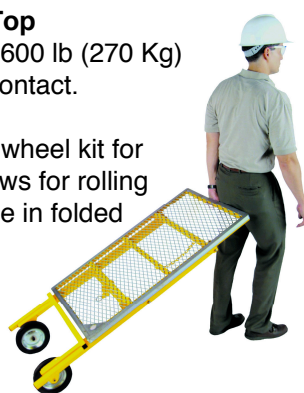


Compact storage

HB-604-Weld Top

Load Capacity: 600 lb (270 Kg)
Four point leg contact.

The optional 8" wheel kit for the HB-604 allows for rolling transport of table in folded position only.



HB-304-Weld Top

Load Capacity: 300 lb (135 Kg)
Comes complete with expanded metal top and eight inch transport wheels.

The HB-304 may be wheeled in both work and fold-up positions.



Part No.	Description	Work Dimension			Load Capacity	Weight	
		Height	Depth	Length		Lb	Kg
783975	HB-304 Welding Table	36.5" (92.7 cm)	24.4" (62 cm)	40.4" (102.6 cm)	300 lb (135 Kg)	68.0	30.9
783980	HB-604 Welding Table	36.3" (92.2 cm)	24.4" (62 cm)	40.4" (102.6 cm)	600 lb (270 Kg)	54.0	24.5
783965	8" Wheel Kit for Series 600 Handi-Bench					5.0	2.3

WELDING CYLINDER CARTS

A Full Range of Heavy Duty Cylinder Carts for the Piping Trades

Medium Range, High Rail Cylinder Cart (Model #209)

Ideal for handling two tanks (a 244–330 cu ft oxygen and a 145 cu ft acetylene 9-1/4" diameter tank). High rail design contains cylinders while moving about job sites. This cart comes with 9 x 18" (22.9 x 45.7 cm) base plate and a large, open tool tray as standard equipment. Options include safety chain or steel containment band and a range of wheels.



209-10S Safety Chain
Wheels Shown: 779011*



209-10P Safety Chain
Wheels Shown: 779027*



209-14S Safety Chain
Wheels Shown: 779028*



209-16P Safety Chain
Wheels Shown: 779107*

Part No.	Description	Dimensions			Weight	
		Height	Depth	Width	Lb	Kg
782420	209-10S Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	28.0" (71.0 cm)	48.0	21.8
782422	209-10P Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	29.0" (75.2 cm)	40.0	18.2
782424	209-14S Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	28.0" (71.0 cm)	47.0	21.4
782426	209-16P Cylinder Cart	43.6" (110.7 cm)	18.27" (46.4 cm)	32.5" (82.6 cm)	53.0	24.1



209-10SB Steel
Containment Band
Wheels Shown: 779011*



209-10PB Steel
Containment Band
Wheels Shown: 779027*



209-14SB Steel
Containment Band
Wheels Shown: 779028*



209-16PB Steel
Containment Band
Wheels Shown: 779107*

Part No.	Description	Dimensions			Weight	
		Height	Depth	Width	Lb	Kg
782421	209-10SB Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	28.0" (71.0 cm)	49.0	23.3
782423	209-10PB Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	29.0" (75.2 cm)	41.0	18.6
782425	209-14SB Cylinder Cart	43.6" (110.7 cm)	16.9" (42.9 cm)	28.0" (71.0 cm)	48.0	21.8
782427	209-16PB Cylinder Cart	43.6" (110.7 cm)	18.27" (46.4 cm)	32.5" (82.6 cm)	54.0	24.5

*see page
26 for wheel
information

Full Range, High Rail Cylinder Cart (Model #213)

The high rail feature secures tanks on to the cart while moving around job site situations. Full range cart holds one 244–330cu ft (9-1/4") oxygen tank and one 210–420 cu ft (13-1/2") acetylene tank. Equipped with 13 x 25" (33 x 63 cm) base plate and a large, open tool tray standard equipment. Options include safety chain or steel containment band and a range of wheels.



213-14S Safety Chain
Wheels Shown: 779028*



213-16P Safety Chain
Wheels Shown: 779107*

Part No.	Description	Dimensions			Weight	
		Height	Depth	Width	Lb	Kg
782480	213-14S Cylinder Cart	44.6" (113.3 cm)	20.3" (51.6 cm)	31.8" (80.8 cm)	53.0	24.0
782482	213-16P Cylinder Cart	44.6" (113.3 cm)	22.1" (56.1 cm)	36.5" (92.7 cm)	59.0	26.8



213-14SB Steel
Containment Band
Wheels Shown: 779028*



213-16PB Steel
Containment Band
Wheels Shown: 779107*

Part No.	Description	Dimensions			Weight	
		Height	Depth	Width	Lb	Kg
782481	213-14SB Cylinder Cart	44.6" (113.3 cm)	20.3" (51.6 cm)	31.8" (80.8 cm)	55.0	25.0
782483	213-16PB Cylinder Cart	44.6" (113.3 cm)	22.1" (56.1 cm)	36.5" (92.7 cm)	61.0	27.7

*see page 26 for wheel information

Small Cylinder Cart (Model #108)

Designed to transport small cylinders up to 8-1/4" (21 cm) diameter. Perfect for moving acetylene "B" tanks or fire extinguishers around job sites. Comes with 8" rubber wheels and safety chain.



108-8S Safety Chain
Wheels Shown: 779024*

Part No.	Description	Dimensions			Weight	
		Height	Depth	Width	Lb	Kg
782375	108-8S Cylinder Cart	40.0" (101.6 cm)	12.3" (31.2 cm)	12.1" (30.7 cm)	12.0	5.5



112-10S Safety Chain
Wheels Shown: 779011*



112-10P Safety Chain
Wheels Shown: 779027*

Heavy Duty, Single Cylinder Cart (Model #112)

Popular cylinder truck can be used for all gas cylinders or for hauling boxes on the 7 x 14" (17.8 x 35.6 cm) base plate. Load capacity rated at 500 lb (225 Kg).

Part No.	Description	Dimensions			Weight	
		Height	Depth	Length	Lb	Kg
782385	112-10S Cylinder Cart	49.4" (125.5 cm)	18.0" (45.7 cm)	19.1" (48.6 cm)	36.0	16.4
782386	112-10P Cylinder Cart	49.4" (125.5 cm)	18.1" (46.0 cm)	20.8" (52.8 cm)	28.0	12.7

*Welding Cylinder Cart Wheel List

Sumner cylinder carts come equipped with high quality wheels as specified below the photos on pages 24 through 26. The chart below lists wheel specifications and the carts on which they can be used.

Part No.	Diameter	Width	Bore	Bearing	Description	Load Capacity	Fits Sumner Cart(s)
779024	8"	1.75"	1/2"	Powder metal bushing	Semi-pneumatic	80 lb	108
779011	10"	2.75"	5/8"	Bronze bushing	Semi-pneumatic	400 lb	112, 209
779027	10"	3.5"	5/8"	Bronze bushing	Pneumatic	350 lb	112, 209
779028	14"	1.75"	5/8"	Bronze bushing	Semi-pneumatic	150 lb	209, 213
779107	16"	4.8"	1"	Powder metal bushing	Pneumatic	380 lb	209, 213

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