MAX JAX / BEAM JAX

B&B SUMNER

AN SFE GROUP BRAND

OPERATOR'S MANUAL

www.BBSUMNER.com

The **Specialized Fabrication Equipment Group** (in short: **S.F.E. Group**) was founded in 2019 after the merger of three world leading OEM's in the field of pipe fabrication tooling and machinery: B&B Pipe and Industrial Tools LLC (USA), Mathey Dearman Inc. (USA) and TAG Pipe Equipment Specialists (UK). In a time span of 5 years, another 4 renowned and market leading companies were acquired and added to the **S.F.E. Group** portfolio: Axxair (France, 2022), Magnatech (USA, 2023), Climax (USA, 2023) and SUMNER (USA, 2025).

The vision and philosophy of the **S.F.E. Group** is to offer globally a comprehensive innovative and cost-effective range of specialized fabrication, welding and machining equipment and derived rental solutions, for a wide range of applications within all critical industries, while optimizing performance, efficiency and safety.

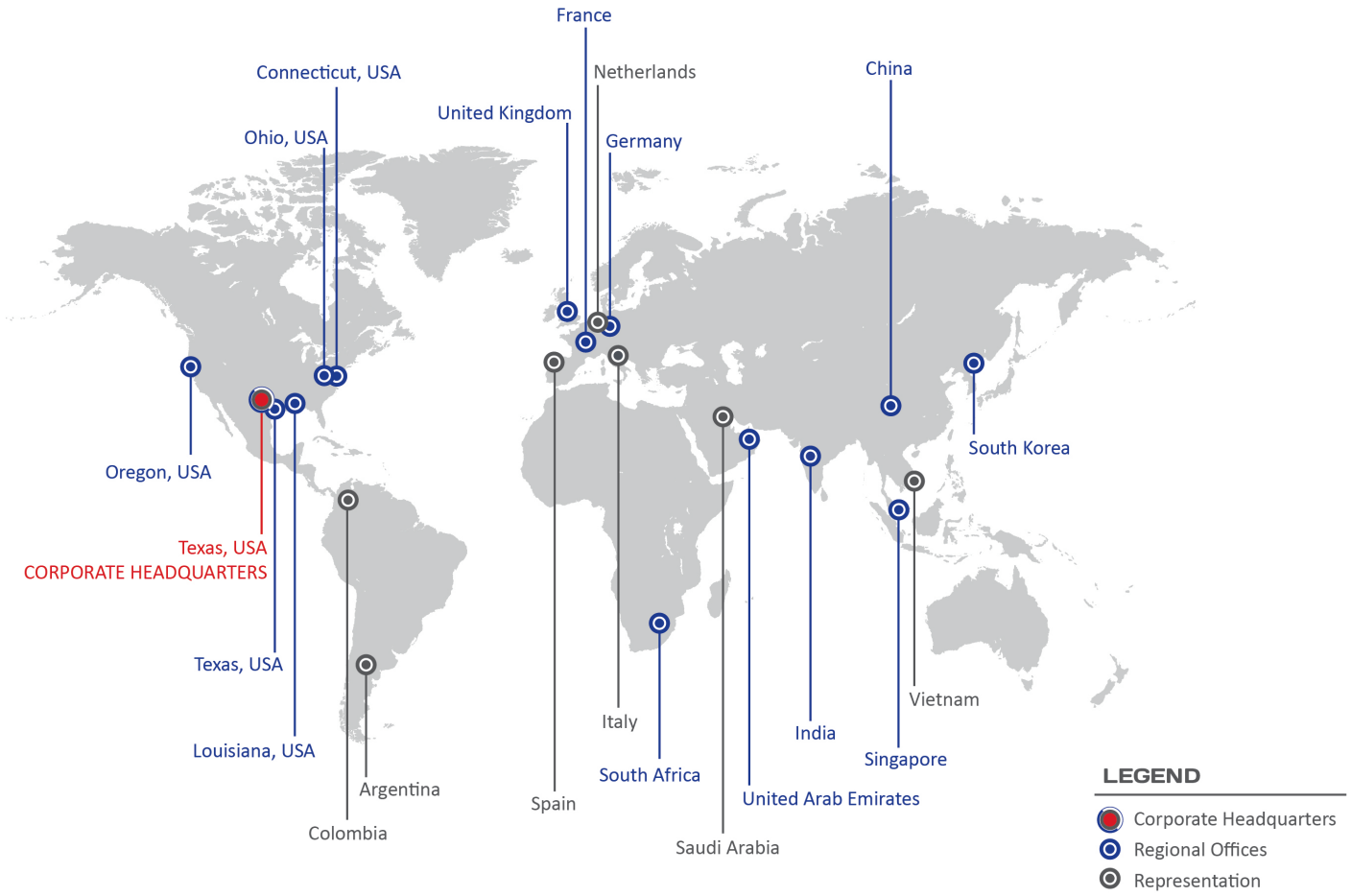
Leveraging over 200 years of combined experience in engineering, manufacturing, and field applications, the **S.F.E. Group** is committed to driving innovation. Through continuous product development and strategic acquisitions, the **S.F.E. Group** is actively growing its portfolio and expanding its global presence to meet the demands of industries around the world. Currently, the **S.F.E. Group** consists of 12 complimentary brands, each supporting the others in delivering cutting-edge solutions.

With offices and warehousing on 5 continents, 400+ employees and more than 500 partnerships and distributors worldwide, **S.F.E. Group** prides itself on consistently offering the highest standards of both product quality and service locally to all its customers.

S.F.E. Group looks forward to welcoming you into its global network as a partner, distributor or end user customer and remains at your disposal at any time.

Contact Americas: sales@sfe-brands.com
Contact International: sales-int@sfe-brands.com

S.F.E. GROUP GLOBAL PRESENCE



INTRODUCING B&B SUMNER

B&B SUMNER *is the newly created global leading brand within the S.F.E. Group portfolio, following the acquisition in 2025 of Sumner Manufacturing, a company with a long-standing reputation for quality and innovation in lifting, material handling, and welding tools.*

B&B SUMNER *combines the expertise, innovation, and heritage of two strong historical brands and embodies the synergy of decades of experience and industry leadership, offering a broader, more powerful portfolio of solutions to S.F.E. Group's global customer base.*

With the ***B&B SUMNER*** *brand, the S.F.E. Group not only wishes to highlight the focus on this particular product line, but also supply the growing demand and diverse applications in the industries it already serves and intertwine with other product applications within S.F.E. Group.*

As an OEM, S.F.E. Group prides itself on its innovations, ground-breaking developments, and creative designs within the ***B&B SUMNER*** *product range. The* ***B&B SUMNER*** *brand portfolio consists mainly of a comprehensive range of pipe jacks and stands, mega rollers and stands, and material handling carts. With robust engineering capabilities, a customer-oriented focus, and flexibility, the* ***B&B SUMNER*** *brand delivers out-of-the-box pipe handling and material handling equipment as well as solutions tailored to meet customers' specific project needs and to serve an ever-evolving industry.*

B&B SUMNER *products are readily available through the S.F.E. Group's global network and can be consulted on the dedicated website:* ***www.BBSUMNER.com***

INDUSTRIES SERVED

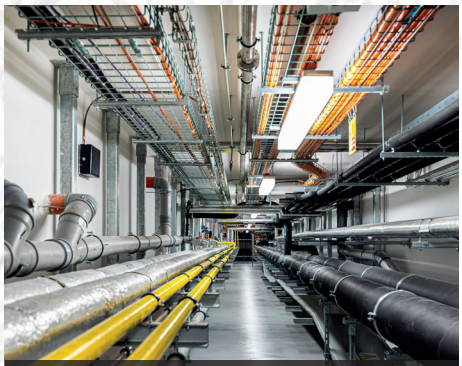

CHEMISTRY


MANUFACTURING & FABRICATION


MARITIME


OIL & GAS


POWER GENERATION


UTILITIES

OUR BRANDS

CLIMAX · TAG PIPE EQUIPMENT SPECIALISTS · H&S TOOL · MATHEY DEARMAN · AXXAIR · MAGNATECH · B&B SUMNER · CALDER · BORTECH · PPM PIPE PURGE MASTERS · FIT-UP PRO · SUMNER MATERIAL LIFTS

Our group policy is one of continuous improvements and acquisitions. Products and data tables are subject to change and may vary from those illustrated. Copyright © 2025 Specialized Fabrication Equipment Group, All rights reserved.

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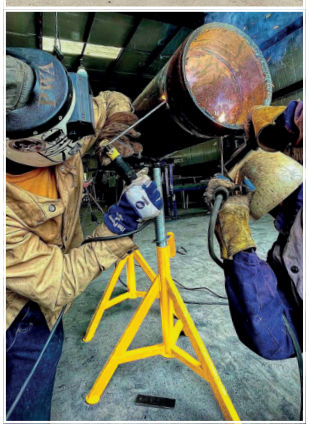
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BEAM JAX CALMP ADJUSTMENT
ADJUSTING BEAM FORKS











Owner's Reponsibilities

NOTICE: Throughout this publication, the words ***WARNING***, ***CAUTION***, and ***IMPORTANT*** will be used to alert the user to special instructions concerning a particular operation that may be hazardous if performed incorrectly or carelessly. **OBSERVE THEM CAREFULLY!**

These "Safety Alerts" alone cannot eliminate the hazards that they signal. Strict compliance to these special instructions while performing the service plus "common sense" operation are major accident prevention measures.



WARNING Hazards or unsafe practices which could result in severe personal injury or death.



CAUTION Hazards or unsafe practices which could result in minor personal injury, product or property damage.



IMPORTANT Indicates information or instructions that are necessary for proper operation and/or maintenance.

Operator Safety Instructions

Sumner's Beam Jax and Max Jax mobile stands enable users to easily and safely move beams or pipes weighing up to 2,500 lbs (1,135 kg).

Beam Jax may be used with beams up to 24" wide.

Max Jax may be used with a pipes between 4" and 36" in diameter.

To operate stands safely requires dexterity, mechanical skills and sound safety habits

Although Sumner Max and Beam Jax's are manufactured for safe, dependable operation, it is impossible to anticipate those combinations of circumstances which could result in an accident. The following instructions are recommended for safe operation of this unit:

1. **Read and understand the instructions for safe operation.** Before working with a Sumner jack, understand the correct operation, applications and limitations. Always contact Sumner when in doubt. Be particularly aware of specific hazards. Store this safety manual in a clean area and always at a readily available location. Additional copies are available for download from www.sumner.com.

2. **Inspect the equipment.** Prior to using Sumner jacks, check all parts to ensure that they are in proper operating condition. Inspect legs for bends, breaks or metal deformation.



CAUTION ***IN THE EVENT OF ANY BENDS, BREAKS, OR METAL DEFORMATION TO THE STANDS, DISCONTINUE USE IMMEDIATELY AND MAKE ANY NECESSARY REPAIRS/REPLACEMENTS BEFORE USE.***

3. **Wear proper clothing.** Hard hat or welding helmet, safety shoes and welding gloves should be worn as a precaution while operating this stand.

4. **Keep work area clean.** Always keep floor in work area clear of clutter for unobstructed movement around the stand.

5. **Operate from proper position.** Keep balance and proper footing at all times.

6. **Keep alert.** Avoid horseplay around equipment and keep bystanders at a safe distance. Do not allow children to operate jacks and always keep them out of work areas. Do not ride on stands.



CAUTION ***Never allow anyone under jack stand with load.***

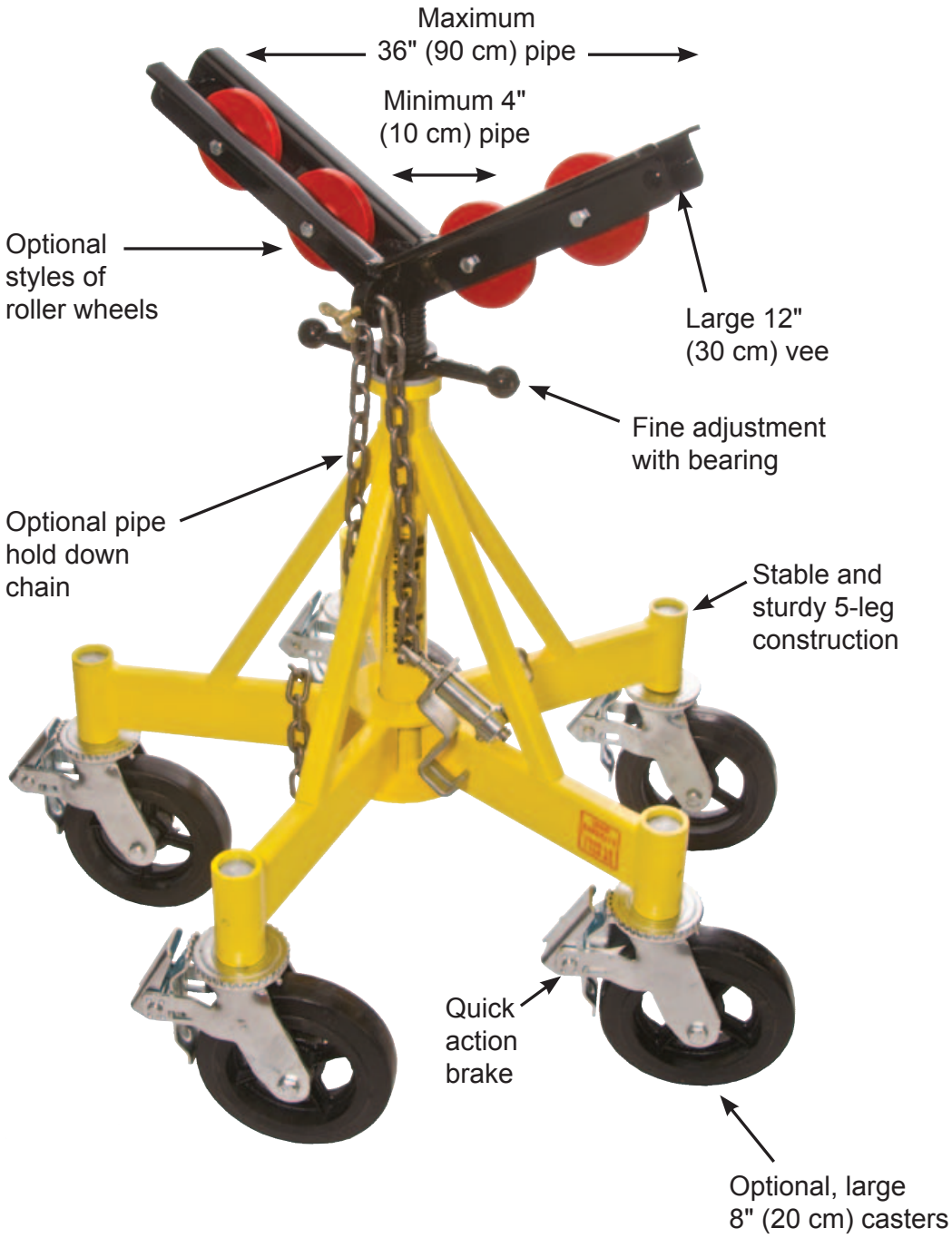
7. **Do not misuse unit.** Perform only the functions for which the jacks are designed. Never attempt to operate the equipment at more than the recommended capacity.



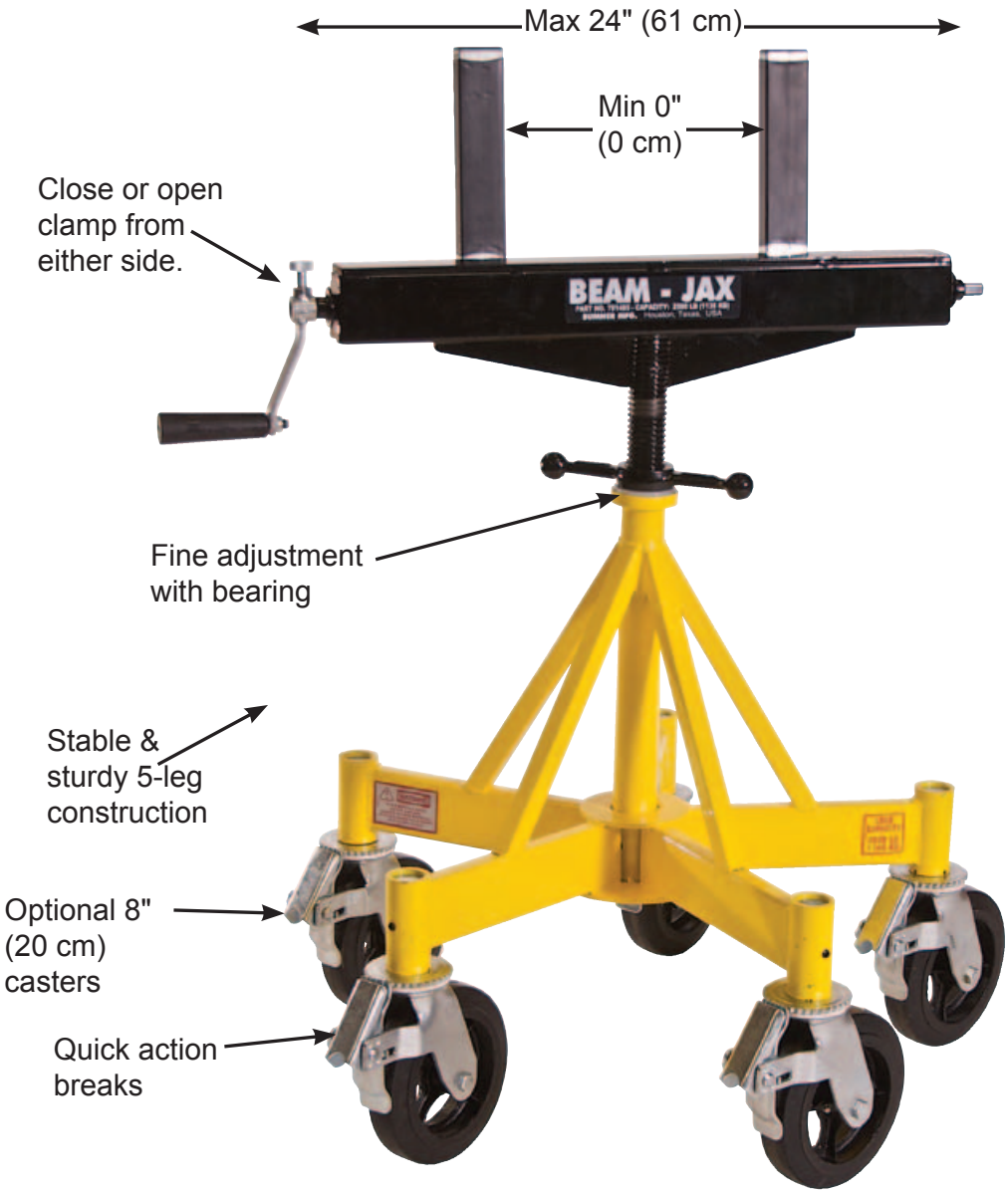
WARNING ***Modifying the jack stand can result in injury or death.***

8. **Operate only on level surfaces.** Use the jack only on smooth and level surfaces to avoid tipping and the possibility of operator injury.

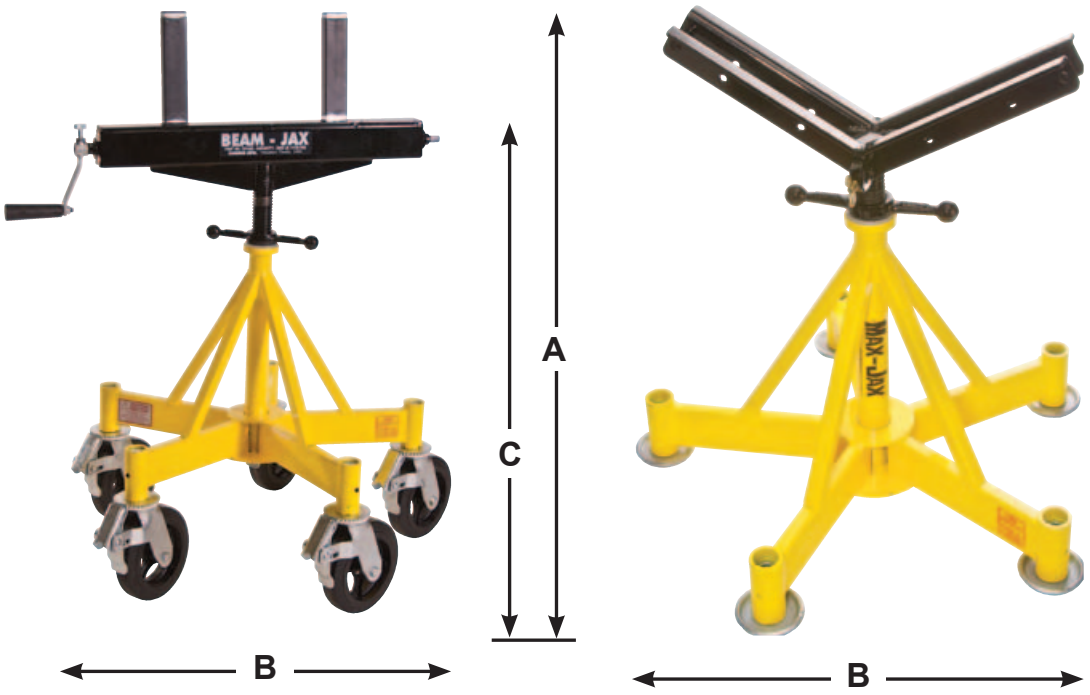
MAX JAX


Maximum
36" (90 cm) pipe
Minimum 4"
(10 cm) pipe
Optional
styles of
roller wheels
Large 12"
(30 cm) vee
Fine adjustment
with bearing
Optional pipe
hold down
chain
Stable and
sturdy 5-leg
construction
Quick
action
brake
Optional, large
8" (20 cm) casters

BEAM JAX


Max 24" (61 cm)
Min 0"
(0 cm)
Close or open
clamp from
either side.
BEAM - JAX
Fine adjustment
with bearing
Stable &
sturdy 5-leg
construction
Optional 8"
(20 cm)
casters
Quick action
breaks

Max/Beam Jax Specifications



Specifications			
		Max Jax	Beam Jax
Load Capacity		2,500 lb (1135 kg)	2,500 lb (1135 kg)
Basic Unit	A (height) B (width)	27.0" (686 mm) 29.6" (752 mm)	27.8" (705 mm) 29.6" (752 mm)
Basic Unit with casters	(height) (width)	36.5" (927 mm) 39.5 (1003 mm)	37.3" (947 mm) 39.5" (1003 mm)
Beam / Vee Head height	C (min.) (max.)	21.0" (533 mm) 33.0" (838 mm)	25.5" (648 mm) 37.5" (953 mm)
Beam / Vee Head height with casters	(min.) (max.)	30.5" (775 mm) 42.5" (1080 mm)	35.0" (889 mm) 47.0" (1194 mm)

Before you start:

1. DO check the load weight to insure that it does not exceed stand capacity. Additional stands can be used
2. DO inspect stand thoroughly prior to use for evidence of structural or caster damage
3. DO use the stands on firm, level surface such as pavement or hard flooring
4. DO adjust head with spanner nut to allow for load height adjustment when leveling
5. DO position heads so that they are approximately the same height
6. DO locate stands close enough to support load length
7. DO use a minimum of two stands



WARNING ***Using one stand to support or brace load can lead to a potential injury.***

8. Do position casters in same direction before placing load on stand



WARNING ***Using a hammer to reposition casters will damage wheels resulting in injury or death.***

9. Do Not lock casters before loading stands
10. Do Not drop loads on stands. Lower loads evenly onto stands

General Instructions

Quick action brakes are available on all 5 casters. Use caster brakes when necessary when working on loads to ensure a stable work surface.

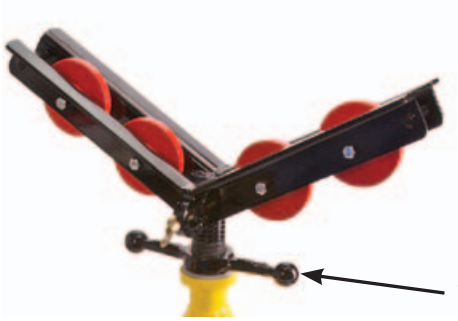


Caster unlocked



Caster locked

Beam Jax and Max Jax head heights may be adjusted using the fine adjustment bearing. Stand heights may be adjusted quickly before load is placed on stand by lifting the head off of the base assembly, thus removing the weight of the head, and adjusting the spanner nut higher or lower on the adjusting screw.



Instructions for Moving Load

Max Jax

A. ALWAYS be certain Beam Jax or Max Jax stands are of a similar height before loading.

ALWAYS be certain to place stands close enough together to fit under the length of the load.

ALWAYS use at least 2 Beam Jax or Max Jax to handle loads. NEVER use a single Beam Jax or Max Jax stand alone to prop up loads.

ALWAYS place loads carefully on Beam Jax or Max Jax. NEVER drop loads onto Beam Jax or Max Jax stands.

ALWAYS use Beam Jax and Max Jax stands on a firm, level surface such as pavement or hard flooring. NEVER use Beam Jax and Max Jax stands on dirt or gravel surfaces.

ALWAYS inspect Beam Jax and Max Jax stands thoroughly before using for evidence of structural or caster damage including damaged or bent legs, cracked welds, and cracked, bent or broken casters. NEVER use a stand that shows signs of structural or caster damage.



IMPORTANT

For more information on general safety practices and commonly found issues see Sumner's Pipe Jack Safety Manual.

NEVER lock casters while loading stands.

NEVER load more than one beam or pipe on stands.

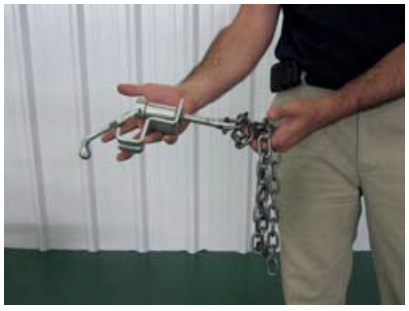
Hold Down Device Instructions:



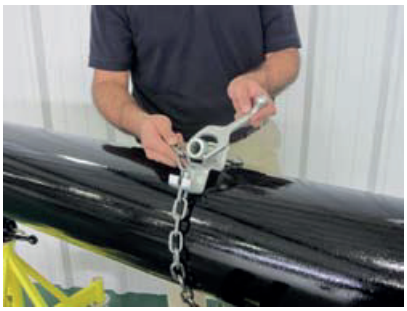
1. Insert chain end of hold down device through containment loop and tighten set screw to half the length of chain



2. Back off adjustment screw in order to have maximum thread travel



3. Insert chain into slot on Hold Down Housing and tighten adjustment screw.



4. Make sure Hold down device chain is tightly secures load to vee.



B.Unlock casters' wheel brakes



C. Make sure all casters are in the same direction. If not move each end of the Max Jax load in a circle to align casters



D. Push load from the end where the hold down device has secured the load to the stand



Beam Jax

1. Tighten Beam Jax clamps to the load before moving load



2. Unlock caster wheel brakes
3. Make sure casters are in the same direction. If not, move each end of the Beam Jax load in circle to align casters.
4. Push the load, do not pull
5. Reposition clamp handles to move out of operator's way

Accessories:

Base Leg Mounting Pads

Basic Max Jax and Beam Jax come with mounting pads that insert into the base sockets. Insert pad stem into the base socket and secure with Allen screw and wrench provide with the stand.



Caster stem inserts into base socket and must be secured with the provided Allen screw and wrench



Max Jax Roller Wheel Options

Instructions: All wheel kits come complete with 4 wheels, bushing, and fastening hardware. Located on the vee head are four holes where each wheel is mounted. It is best to that all attaching bolts be assembled on to the vee in the same direction.



Pn 781406 Steel wheel roller head kit
Standard roller wheel which comes with Max Jax kit# 1



Pn 781407 Stainless Steel roller head kit
Similar to standard steel wheel but with Stainless contact



Pn 781381 Large Steel roller head kit
Wide surface steel wheel provides more surface contact and smoother rotation



PN 781394 Rubber wheel roller head kit
High impact molded plastic/nylon wheels for Stainless and other exotic metals. Load rating reduced to 1,000lb/ 450 kg.



PN 781382 Stainless Steel Sleeves
Stainless sleeves bolt to the vee head providing complete stainless surface.



PN 781383 Standard Ball Transfers
PN 781397 SS Steel Ball Transfers
Two ball transfers bolt on to each vee by tighten wing nuts. Ball transfer can be positioned anywhere on the the vee.



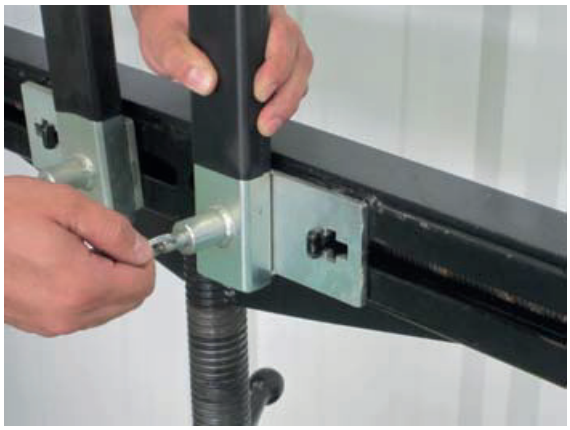
Beam Jax Clamp Adjustment

Adjusting Beam Forks

To remove beam forks, pull out plunging attaching pin and slide fork assembly.



To clamp narrow width loads, clamp fork should be with plunger pin nearest to the center of the head.



To clamp wide loads, plunger pin on the clamp forks should be positioned out towards the end of the head.





SPECIALIZED FABRICATION EQUIPMENT GROUP

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