



GRAY MANUFACTURING

INNOVATIVE SOLUTIONS® SINCE 1952

TABLE OF CONTENTS	
Wireless Portable Lift System	4-5
Wheel Lift Systems	6-7
Heavy Duty Floor Service Jacks	8
Truck Service Lifts	9
Vehicle Support Stands	10-11
Truck Air Jack Stands	12
Portable Non-Skid Truck Ramps	13
Portable Air End Lift	13
Floor Cranes	14
Engine Stands	14
Heavy Duty Shop Presses	15
Heavy Duty Transmission Jacks	16
Heavy Duty Component Jacks	17
Heavy Duty Optional Adapters	18
High-Rise Automotive Transmission Jack	19
Wheel Dollies	20
Air Powered Fluid Handlers	21
Oil Filter Crushers	21
Heavy Duty Forklift Jacks	22
Heavy Duty Two/Four Post Lifts	23



GRAY MISSION STATEMENT:

To design, manufacture, sell and service with pride innovative, high quality and reliable professional service equipment for the automotive, truck and service vehicle industries.

CORPORATE VALUE STATEMENTS:

- Exist to serve our customer
- Pride in our USA manufacturing, workmanship, and ingenuity
- Family owned, operated and oriented work environment
- Encourage and provide an environment, which fosters trust, teamwork and personal growth
- Involvement and leadership within our community
- **Over 50 Gray patents granted since 1921**
- **Third generation family owned business**
- **All Gray products are made in the U.S.A.**



LIFETIME WARRANTY

Gray warrants to the original purchaser that the Gray product meets Gray's standard specifications for the product at the time of purchase, and will be free from defects in materials and workmanship for the normal useful life of the product subject to the terms, conditions and exclusions herein.

VALUE ADDED PROTECTION

Gray products are warranted against excessive or abnormal wear and tear for a period of one (1) year from the date of purchase by the original purchaser. This limited warranty period stops at the end of the one year warranty period or upon the date the Gray product is no longer owned by the original purchaser, whichever shall first occur and subject to the terms, conditions and exclusions herein.

TERMS & CONDITIONS

The limited warranties are subject to the following terms, conditions and exclusions:

The warranties do not cover any product or part that has been subjected to conditions other than normal wear and tear. These conditions may include but not limited to, the following: abused, contaminated, corroded, modified, heated, damaged, neglected products or parts, or products or parts subjected to unforeseen natural disasters such as, but not limited to war, flood, tornado, hurricane, wind or hail storm damage or the like. In the event of any alteration, modification, abuse or misuse of this product or if this product is used for a purpose other than for which it was intended, or used in a manner inconsistent with any instructions regarding its use, the limited warranties shall be void.

The sole and exclusive remedy shall be the repair or replacement of the defective or excessively worn product or part, at Gray's option. All transportation charges shall be paid by the purchaser. Warranty claims must be made in writing to Gray Manufacturing Company, Inc. at 3501 S. Leonard Road St. Joseph, Missouri 64503, model number and serial number must be included. This exclusive remedy shall not be deemed to have failed of its essential purpose so long as Gray is willing and able to repair or replace the defective product or part in the manner prescribed herein. In no event

shall Gray be liable for any direct, indirect, special, incidental or consequential damages of any kind, nature or description, whether based on warranty, contract, tort, negligence, strict liability, or other legal theory.

These warranties are exclusive, and no warranty of merchantability, fitness for a particular purpose, or other warranty of any kind (whether expressed, implied or statutory) is made by Gray. No agent, employee or representative of Gray Manufacturing Company, Inc. has authority to bind Gray to any affirmation or warranty concerning Gray products or parts except as stated herein.

If service, parts, additional service or operator manuals are needed or if you have any questions about your Gray product, call Gray Manufacturing Company, Inc.'s factory direct toll free hotline 800-821-7320 or 816-233-6121 or Fax 816-233-7251 or 816-387-8157 or email to: gray@grayusa.com or write or come in to see us during normal business hours at 3501 South Leonard Rd., St. Joseph, Missouri, 64503, USA.

(800) 821-7320 • (816) 233-6121 • (816) 233-7251 Fax



GRAY MANUFACTURING
Company, Inc. • St. Joseph, Missouri

A tradition of quality since 1952

DN040107

PATENTED WIRELESS PORTABLE LIFT SYSTEM



Improve productivity and flexibility • Wireless feature enables technicians to:

- Get set-up FASTER...
- Get the vehicle up FASTER...
- Get the job done FASTER!



WIRELESS CONTROL SYSTEM:
Each lifting unit comes complete with a control console capable of operating the entire lift system. The control console is programmed to exchange data on a dedicated wireless communication channel that is licensed to meet FCC and IC requirements by a third party independent testing laboratory. This proven and secure digital wireless system provides constant communication between the lifting units.

SELF CONTAINED DC POWER SOURCE PROVIDES GREATER SHOP FLEXIBILITY:

- No high voltage requirements
- Eliminates the hidden up-front power installation costs
- Allows technicians to take the lifting system to the job
- No worries about interrupted power service
- A 110 volt on-board multi-stage charging system is built in to each unit. Simply plug in to an ordinary 110 outlet to recharge the power system. The charger is rated at an input of 100-230 VAC 4 Amps.

U.S. Patent numbers
6,634,461 • 7,014,012
7,219,770 • 9,334,145
9,352,944 • RE41554
9,593,000 • 9,656,843
9,679,421

Canadian Patent 2,406,340
Adj. Carriage 8,282,075
Additional Patents Pending

CHOOSE FROM THREE ALI CERTIFIED MODELS:

14,000 lb capacity Fleet Model

- 56,000 lb capacity for a system set of four
- 84,000 lb capacity for a system set of six
- The perfect fit for servicing class 6 \ 7 \ 8 over the road vehicles
- *Standard 24 volt operating system provides 20-30 lifting cycles before battery recharge
- Adjustable carriage

19,000 lb capacity Heavy Commercial Model

- 76,000 lb capacity for a system set of four
- 114,000 lb capacity for a system set of six
- For use on heavy motor coaches, recreational vehicles, also, fire, waste and concrete trucks.
- *Standard 24 volt operating system provides 20-30 lifting cycles before battery recharge
- Adjustable carriage

19,000 lb capacity Wide Military Model

- 76,000 lb capacity for a system set of four
- 114,000 lb capacity for a system set of six
- Patented adjustable carriage, for handling tire sizes ranging from 16.00 • R20 to 15 inch automotive tires. Patent #8,282,075
- *Standard 24 volt operating system provides 20-30 lifting cycles before battery recharge

*The number of lifting cycles are based on average vehicle weights calculations.

Use in sets of 2, 4, 6 or 8

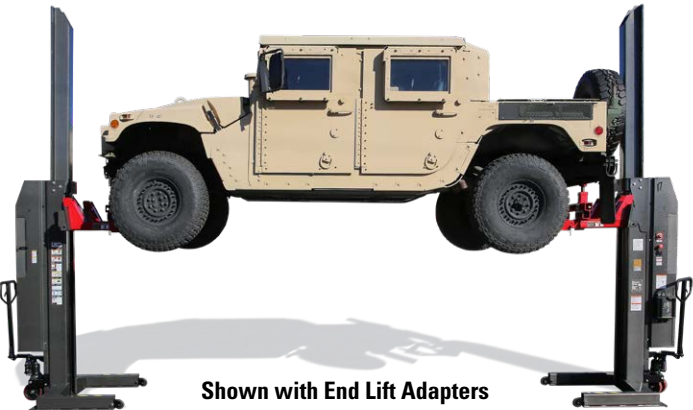


SPECIFICATIONS	Fleet	Heavy Commercial	Wide Military
Capacity	14,000 lbs / 6,350 kg	19,000 lbs / 8,618 kg	19,000 lbs / 8,618 kg
Average Work Height	81" / 205.74 cm	81" / 205.74 cm	81" / 205.74 cm
Power	24 volt	24 volt	24 volt
Charging Voltage	110v	110v	110v
Average Lift Cycles	18-22	18-22	18-22
Handle Design	Pallet Jack	Pallet Jack	Pallet Jack
Carriage Type	Adjustable	Adjustable	Adjustable
Min Wheel Diameter	5" / 12.7 cm	5" / 12.7 cm	4" / 10.16 cm
Max Wheel Diameter	24.5" / 62.23 cm	24.5" / 62.23 cm	No Max / No Max
Max Tire Diameter	47" / 119.38 cm	47" / 119.38 cm	53" / 134.62 cm
Configuration	2-4-6-8	2-4-6-8	2-4-6-8

Manufactured in USA • Specifications are subject to change without notice.

FEATURES INCLUDE:

- The Patented Gray Wireless Portable Lift System provides your technicians an average work height of 81 inches free-and-clear access under the vehicle. No cables to connect, navigate around, roll over or replace.
- 200 channel capable operating system with patent pending controls
- Moving and aligning individual lift units is made easy by virtue of the precise balanced design, spring loaded wheel components and the versatile lift and steer handle design.
- The system maintains synchronization employing digital encoders to ensure maximum reliability.
- Integral holding valve provides precise control
- 10" screen wifi enabled computer operates column



Shown with End Lift Adapters

Available Hi-Rise accessories for use with the WPLS
Vehicle Support Stands • Heavy Duty Transmission Jack
Clutch/Component Jack • Wheel Dolly • Fluid Handlers

FEATURES



Lift & Steer Handle



200 Channels



Red Light / Green Light System



WHEEL LIFT SYSTEMS

- Portable design eliminates the need for a dedicated bay
- No more time wasted removing aerodynamics or ferrings from the vehicle
- Perfect solution for shops with low ceilings
- 100% Air Operated

NOW Available in Wireless Model to Lift Entire Vehicle



U.S. Patent 9,580,284

WALS-20
40 Ton Capacity

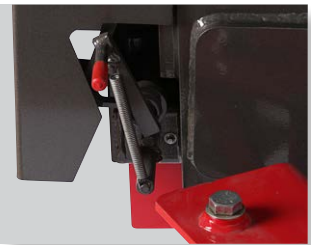
FEATURES



Electronically Synchronized



Handheld Remote Control



Automatic Down Stop System

WALS-20 features:

- Lift entire vehicle with patented wireless controls and shop air
- Perfect for shops with low ceiling heights

WL-40 features:

- Easily handles wheel sizes from 21" to 24.5"
- Small Wheel Adapters Included to accommodate 14" to 21" wheels

WL-20 & WL-30 features:

- Easily handles wheel sizes 19.5" to 24.5"
- Optional small wheel adapters available to accommodate 16" to 19.5" wheels



Lifts one end of a wide array of vehicles, fire or refuse trucks, heavy recreational vehicles or motor coaches. Wide, spring loaded base provides stable platform for secure lifting.



WL-40
20 Ton Capacity



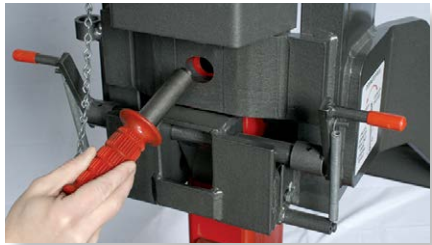
WL-30
15 Ton Capacity

SOLD IN PAIRS
U.S. Patent # D357,106 & 5,484,134



WL-20
10 Ton Capacity

FEATURES



Built-in vehicle support stand feature allows complete open access under the vehicle.



Small Wheel Adapters



Dual trigger control valve allows synchronized raising and lowering of vehicle.



SPECIFICATIONS	WALS-20	WL-40	WL-30	WL-20
Capacity per Set	40,000 lbs / 18,144 kg	40,000 lbs / 18,144 kg	30,000 lbs / 13,608 kg	20,000 lbs / 9,072 kg
Minimum Start Height	Floor Level	Floor Level	Floor Level	Floor Level
Maximum Lift Height	24" / 60.96 cm	30" / 76.20 cm	24" / 60.96 cm	30" / 76.20 cm
Power	Shop Air	Shop Air	Shop Air	Shop Air
Required Air Pressure	160 PSI / 11 Bar	160 PSI / 11 Bar	160 PSI / 11 Bar	160 PSI / 11 Bar
Stroke	24" / 30" / 60.96 / 76.20 cm	30" / 76.20 cm	24" / 30" / 60.96 / 76.20 cm	30" / 76.20 cm
Minimum Wheel Diameter [w/Adaptors]	16" / 40.64 cm	14" / 35.56 cm	16" / 40.64 cm	16" / 40.64 cm
Minimum Wheel Diameter [w/o Adaptors]	19 1/2" / 49.53 cm	21" / 53.34 cm	19 1/2" / 49.53 cm	19 1/2" / 49.53 cm
Maximum Wheel Diameter	24 1/2" / 62.23 cm	24 1/2" / 62.23 cm	24 1/2" / 62.23 cm	24 1/2" / 62.23 cm
Maximum Tire Diameter	44" / 111.76 cm	45" / 114.30 cm	44" / 111.76 cm	44" / 111.76 cm
Overall Width	41 9/16" / 105.56 cm	45" / 114.30 cm	41 9/16" / 105.56 cm	41 9/16" / 105.56 cm
Overall Depth	44 1/4" / 112.40 cm	44" / 111.76 cm	44 1/4" / 112.40 cm	44 1/4" / 112.40 cm
Overall Height	53 1/4" / 135.26 cm	63" / 160.02 cm	53 1/4" / 135.26 cm	53 1/4" / 135.26 cm

Manufactured in USA • Specifications are subject to change without notice.



HEAVY DUTY FLOOR SERVICE JACKS



FSJ-200
10 Ton Capacity

- A low start height combined with a high lift height accommodates a variety of vehicles
- Heavy duty steel frame design stands up to the most vigorous shop use
- Manual pump feature included
- Large front wheels and long-life heavy duty rear swivel casters allows ease of portability and durability

FSJ-120
6 Ton Capacity

**3 Ton Manual/Hydraulic
Powered Model
Also Available!**



FSJ-60C
6 Ton Capacity

SPECIFICATIONS	FSJ-120	FSJ-200	FSJ-60C
Max. Capacity	12,000 lbs / 5,443 kg	20,000 lbs / 9,072 kg	6,000 lbs / 2,722 kg
Min. Start Height	4 3/4" / 12.07 cm	7" / 17.78 cm	4 1/4" / 10.80 cm
Max. Lift Height	23 1/4" / 59.06 cm	27" / 68.58 cm	23 3/4" / 60.33 cm
Power	Air/Hydraulic/Manual		Hydraulic/Manual
Required Air Pressure	90-175 PSI / 6.2-12.1 Bar		N/A / N/A
Chassis Height	9 3/4" / 24.77 cm	10" / 25.40 cm	7 1/4" / 18.42 cm
Chassis Length	48" / 121.92 cm	53 1/2" / 135.89 cm	34" / 86.36 cm
Handle Length	47 3/4" / 121.29 cm	47" / 119.38 cm	45" / 114.30 cm
Overall Width	18 1/2" / 46.99 cm	21 7/8" / 55.58 cm	16" / 40.64 cm
Overall Length	95 1/4" / 241.94 cm	101 3/4" / 258.45 cm	81" / 205.74 cm
Overall Reach	87" / 220.98 cm	93" / 236.22 cm	75 1/2" / 191.77 cm
Front Caster Diameter	4 1/3" / 11 cm	5" / 12.7 cm	4" / 10.16 cm
Rear Swivel Caster Diameter	4" / 10.16 cm	4" / 10.16 cm	3" / 7.62 cm
Saddle Diameter	7 3/8" / 18.75 cm	8" / 20.32 cm	6 1/2" / 16.51 cm
Front Width Caster to Caster	16 7/8" / 42.88 cm	17 1/8" / 43.51 cm	13 1/2" / 34.29 cm
Rear Width Bracket to Bracket	19 7/8" / 50.50 cm	20 1/8" / 51.13 cm	16" / 40.64 cm

Manufactured in USA • Specifications are subject to change without notice.



AIR/HYDRAULIC TRUCK SERVICE LIFTS

- Unique QuickLift® Feature - internal design raises the ram to the load at a quicker rate of speed
- Low starting height of 8" allows for easy positioning and spotting underneath low profile vehicles
- Air ram retract utilizes shop air to reset the ram back to minimum starting height
- Field ready design makes it ideal for road service work



Gray Vehicle Support Stands shown in use (page 10).

Black Armor Coating™
Protects the ram from rust and corrosion to extend longevity of product

Anti-Corrosive System
The distinctive design of the internal system protects the hydraulic system to extend product life

SPECIFICATIONS	TSL-50
Capacity	50,000 lbs. / 22,680 kg
Minimum Start Height	8" / 20.32 cm
Maximum Lift Height	21" / 53.34 cm
Power Source	Air/Hydraulic
Required Air Pressure	90-200 PSI / 6.2-13.8 Bar
Stroke	5 1/8" / 13.03 cm
Extension Screw Adjustment	4 7/8" / 12.40 cm
Frame Width	12" / 30.48 cm
Frame Length	20" / 50.80 cm
Wheel Diameter	8" / 20.32 cm
Handle Length	53" / 134.62 cm
Manufactured in USA Specifications are subject to change without notice.	

TSL-50
50,000 lbs
Capacity



TSL-50LP
50,000 lbs
Capacity

SPECIFICATIONS	TSL-50LP
Capacity	50,000 lbs / 22,680 kg
Maximum Air Pressure	200 PSI / 13.8 Bar
Starting Height	8 9/16" / 21.74 cm
Starting Height w/Short Lift Pad Ext	11" / 27.94 cm
Starting Height w/Tall Lift Pad Ext	13 11/16" / 34.77 cm
Starting Height w/Short & Tall Lift Pad Ext	16" / 40.64 cm
Lifting Height	13 5/8" / 34.62 cm
Lifting Height w/Short Lift Pad Ext	16 3/16" / 41.12 cm
Lifting Height w/Tall Lift Pad Ext	18 13/16" / 47.78 cm
Lifting Height w/Short & Tall Lift Pad E	21 1/8" / 53.67 cm
Stroke	5 1/8" / 13.03 cm
Lift Pad Diameter	3 1/2" / 8.89 cm
Manufactured in USA Specifications are subject to change without notice.	

SPECIFICATIONS	TSL-70
Capacity	70,000 lbs. / 31,751 kg
Lift Pad Start Height	9 1/4" / 23.50 cm
Lift Pad Start Height w/Adapter	11 7/8" / 30.18 cm
Maximum Lift Height	22" / 55.88 cm
Air Pressure Requirements	110-200 PSI / 7.6-13.8 Bar
Power Stroke	5 1/8" / 13.03 cm
Screw Adjustment	5" / 12.70 cm
Length (Handle Horizontal)	71" / 180.34 cm
Width at Wheels	14 1/4" / 36.20 cm
Overall Height (Handle Vertical)	58 1/2" / 148.59 cm
Manufactured in USA Specifications are subject to change without notice.	

TSL-70
70,000 lbs
Capacity



SPECIFICATIONS	TSL-50S
Capacity	50,000 lbs. / 22,680 kg
Minimum Start Height	8" / 20.32 cm
Maximum Lift Height	21" / 53.34 cm
Power Source	Air/Hydraulic
Required Air Pressure	90-200 PSI / 6.2-13.8 Bar
Stroke	5 1/8" / 13.03 cm
Extension Screw Adjustment	4 7/8" / 12.40 cm
Frame Width	12" / 30.48 cm
Frame Length	20" / 50.80 cm
Wheel Diameter	8" / 20.32 cm
Handle Length	23" / 58.42 cm
Manufactured in USA Specifications are subject to change without notice.	

TSL-50S
50,000 lbs
Capacity



Gray Vehicle Support Stands shown in use (page 10).



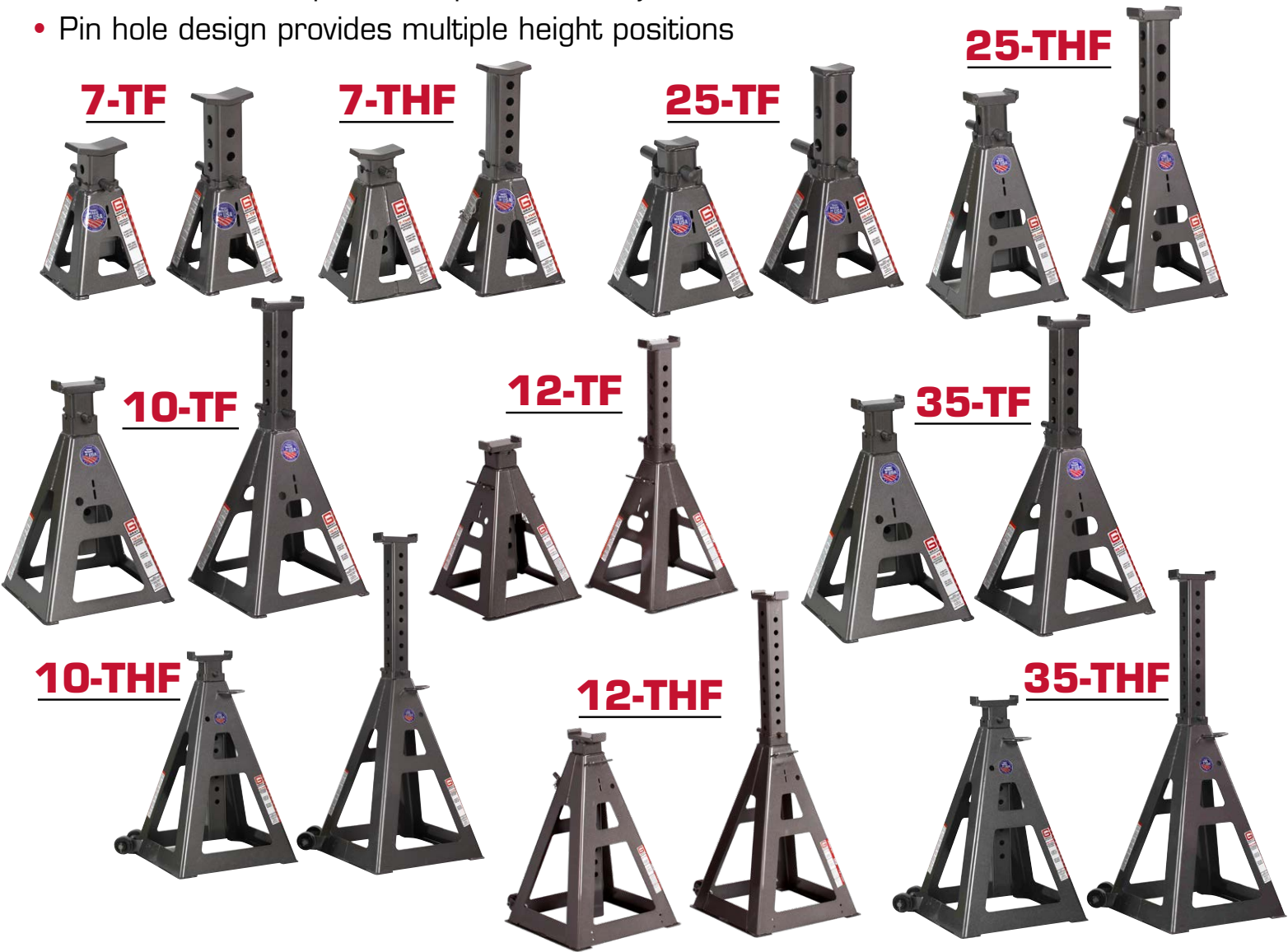
VEHICLE SUPPORT STANDS

ALL Vehicle Support Stands NOW Meet ASME PASE-2014 Standards



Sold in Pairs - A strong addition to any shop.

- All models feature the following:
- Tabbed bottom to provide superior stability
 - Pin hole design provides multiple height positions



SPECIFICATIONS	7-TF	7-THF	10-TF	10-THF	12-TF	12-THF	25-TF	25-THF	35-TF	35-THF
Capacity (Each)	15,435 lbs	15,435 lbs	20,000 lbs	20,000 lbs	24,000 lbs	24,000 lbs	50,000 lbs	50,000 lbs	70,000 lbs	70,000 lbs
Minimum Start Height	9 1/2"	12"	20"	30"	20"	30"	12"	20"	13 1/2"	21"
Maximum Lift Height	16"	20"	32"	52"	32"	52"	20"	32"	21"	33 1/4"
Adjustment Increments	1"	1 1/2"	1"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
SPECIFICATIONS	7-TF	7-THF	10-TF	10-THF	12-TF	12-THF	25-TF	25-THF	35-TF	35-THF
Capacity (Each)	7,001 kg	7,001 kg	9,072 kg	9,072 kg	10,886 kg	10,886 kg	22,680 kg	22,680 kg	31,751 kg	31,751 kg
Minimum Start Height	24.13 cm	30.48 cm	50.80 cm	76.20 cm	50.80 cm	76.20 cm	30.48 cm	50.80 cm	34.29 cm	53.34 cm
Maximum Lift Height	40.64 cm	50.80 cm	81.28 cm	132.08 cm	81.28 cm	132.08 cm	50.80 cm	81.28 cm	53.34 cm	84.46 cm
Adjustment Increments	2.54 cm	3.81 cm	2.54 cm	2.54 cm	2.54 cm	2.54 cm	3.81 cm	3.81 cm	3.81 cm	3.81 cm

Manufactured in USA • Specifications are subject to change without notice.

VEHICLE SUPPORT STANDS

Model 9-THR High-Rise vehicle support stands working with Gray's Patented Wireless Portable Lift System



Sold Individually



Acme threaded screw for precise adjustments



The easily adjustable Gray 9-THR High-Rise Vehicle Support Stand features:

- Gas-spring assisted lift post
- 5 1/2" lift pad screw adjustable range
- Heavy duty urethane wheels
- ETL Listed

SPECIFICATIONS	9-THR	7-THR	10-THR
Capacity (Each)	18,000 lbs / 8,165 kg	14,000 lbs / 6,350 kg	20,000 lbs / 9,072 kg
Base	30" x 33" / 76.20 cm x 83.82 cm	21 3/4" x 21 3/4" / 55.25 cm x 55.25 cm	21 3/4" x 21 3/4" / 55.25 cm x 55.25 cm
Minimum Start Height	48 3/4" / 123.83 cm	53 1/8" / 134.95 cm	53 3/8" / 135.59 cm
Maximum Lift Height	84" / 213.36 cm	72 1/8" / 183.21 cm	72 1/8" / 183.21 cm
Adjustment Increments	2 3/4" / 6.99 cm	2 3/4" / 6.99 cm	2 3/4" / 6.99 cm
Screw Extension	5 1/2" / 13.97 cm	3" / 7.62 cm	2 3/4" / 6.99 cm

Manufactured in USA • Specifications are subject to change without notice.



TRUCK AIR JACK STANDS



- The perfect solution for spring work!
- Built-in vehicle support stand feature
- 100% Air Operated

TAJS-2000

10 Ton Capacity

360° Swivel



Easy-to-use air rocker valve that provides smooth and precise raising and lowering control

Optional air valve tee connector available



ASBJ-2000

10 Ton Capacity

Sold Individually

TAJS-3000

15 Ton Capacity

360° Swivel



Removable handle along with 2 wheels allows ease in spotting and portability

SPECIFICATIONS	TAJS-2000	TAJS-3000	ASBJ-2000
Capacity	20,000 lbs / 9,072 kg	30,000 lbs / 13,608 kg	20,000 lbs / 9,072 kg
Min. Start Height	17 1/2" / 44.45 cm	17 5/8" / 44.78 cm	50 5/8" / 128.60 cm
Min. Start Height w/ Wide Saddle	NA	NA	49 5/8" / 126.06 cm
Max. Lift Height w/extension	52 1/2" / 133.35 cm	52 1/4" / 132.72 cm	NA
Max. Lift Height w/o extension	37 1/2" / 95.25 cm	37 1/4" / 94.62 cm	67 5/8" / 171.78 cm
Max. Lift Height w/Wide Saddle	NA	NA	66 5/8" / 169.24 cm
Cylinder Bore	12" / 30.48 cm	14" / 35.56 cm	NA
Pin Increments	NA	NA	2 1/2" / 6.35 cm
Required Air Pressure	200 PSI / 13.8 Bar	200 PSI / 13.8 Bar	NA
Overall Length w/o Handle	19" / 48.26 cm	25 1/2" / 64.77 cm	27 7/8" / 70.82 cm
Overall Length w/ Handle	48" / 121.92 cm	58 1/2" / 148.59 cm	NA
Overall Width	NA	NA	25 7/8" / 65.74 cm
Wheel Diameter	5" / 12.7 cm	5" / 12.7 cm	NA
Stroke	10" / 25.40 cm	10" / 25.40 cm	9 5/8" / 24.46 cm
Inside Saddle Width	4 1/2" / 11.43 cm	4 3/4" / 12.07 cm	6 1/4" / 15.88 cm
Wide Saddle Width	NA	NA	9 7/8" / 25.10 cm
Overall Saddle Width	5 1/4" / 13.34 cm	5 1/2" / 13.97 cm	NA
Extension Tubes	Square	Square	NA
Handle Length	29" / 73.66 cm	36 1/2" / 92.71 cm	NA

Manufactured in USA • Specifications are subject to change without notice.

PORTABLE NON-SKID TRUCK RAMPS

SPECIFICATIONS PTRW-20

Capacity (Each)	20,000 lbs / 9,072 kg
Overall Length	51" / 129.54 cm
Overall Height	9" / 22.86 cm
Overall Width	18 1/2" / 46.99 cm
Tread Width	15" / 38.10 cm
Handle Length	34 1/2" / 87.63 cm
Wheel Diameter	5" / 12.70 cm

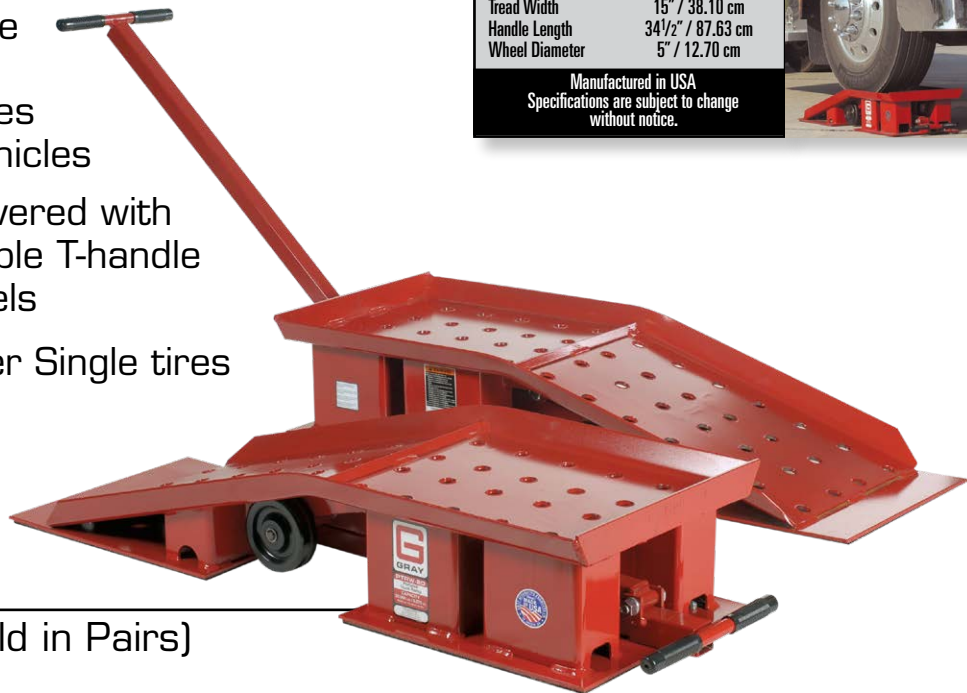
Manufactured in USA
Specifications are subject to change without notice.



- Skid proof design utilizes a bonded 2-ply rubber matting to secure ramp to the floor
- Low clearance design accommodates low profile vehicles
- Easily maneuvered with long retractable T-handle and two wheels
- Handles Super Single tires

PTRW-20

15" Width (Sold in Pairs)



PORTABLE AIR END LIFT

- 30" Power Stroke
- 100% Air Operated
- 10 Ton Capacity

KL-20

KwikLift® 10 Ton Capacity

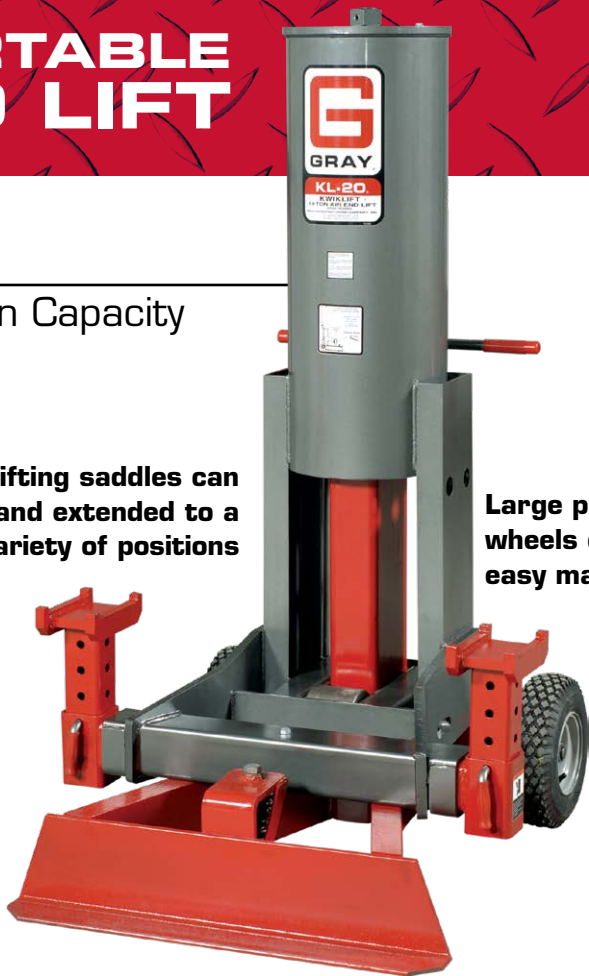
Adjustable lifting saddles can easily be raised and extended to a variety of positions

Large pneumatic wheels enable easy maneuvering

SPECIFICATIONS	KL-20
Capacity	20,000 lbs / 9,072 kg
Stroke	30" / 76.20 cm
Minimum Start Height	14" / 35.56 cm
Maximum Lift Height	50" / 127.00 cm
Power	Air
Required Air Pressure	200 PSI / 13.8 Bar
Forward Reach (CL to CL)	17" / 43.18 cm
Overall Length	43" / 109.22 cm
Overall Width	37" / 93.98 cm
Overall Height	65" / 165.10 cm
Saddle Spread	32" - 43" / 81.28 cm - 109.22 cm

Manufactured in USA
Specifications are subject to change without notice.

Large sturdy base stabilizes the load





FLOOR CRANES



SC-440
4,400 lb.
Capacity

- Folds for compact storage
- Legs adjust for clearance
- Manual or Air/Hydraulic



SC-220
2,200 lb. Capacity

SPECIFICATIONS	SC-220	SC-440
Capacity (retracted)	2,200 lbs / 998 kg	4,400 lbs / 1,996 kg
Capacity (center)	1,900 lbs / 862 kg	3,800 lbs / 1,724 kg
Capacity (extended)	1,650 lbs / 748 kg	3,300 lbs / 1,497 kg
Max. Boom Height (retracted)	114" / 289.56 cm	119" / 302.26 cm
Max. Boom Height (extended)	125" / 317.50 cm	130" / 330.20 cm
Overall Boom Height (horizontal)	83" / 210.82 cm	84" / 213.36 cm
Boom Reach (retracted)	33" / 83.82 cm	35 3/4" / 90.81 cm
Boom Reach (extended)	48" / 121.92 cm	50 3/4" / 128.91 cm
Overall Length	82" / 208.28 cm	82" / 208.28 cm
Min. Throat Width	22" / 55.88 cm	22" / 55.88 cm
Leg Length (inside)	55" / 139.70 cm	55" / 139.70 cm
Inside Leg Width (3 positions)	22" / 55.88 cm	22" / 55.88 cm
Leg Height	36" / 91.44 cm	36" / 91.44 cm
Wheel Diameter	8 1/8" / 20.65 cm	8 1/8" / 20.65 cm

LL-6000
6,000 lb. Capacity



Other Capacities
Available

SPECIFICATIONS	LL-6000
Capacity	6,000 lbs / 2,722 kg
Weight	74 lbs / 34 kg
Spread	30" - 46" / 76.20 cm - 116.84 cm
Adjustment Increments	4" / 10.16 cm
Overall Height	15 3/8" / 39.07 cm
Overall Width	5" / 12.70 cm
Tilt Adjustment	30° Maximum
Chain Grade	80

ENGINE STANDS



ES-1000
1,000 lb. Capacity

- Adjustable to capture a variety of engines and other components
- Laterally adjustable to provide solid work holding
- Gearbox allows 360° engine rotation of mounted unit
- Locking rear wheels

SPECIFICATIONS	ES-1000	ES-2000	ES-6000
Capacity	1000 lbs / 454 kg	2000 lbs / 907 kg	6000 lbs / 2,722 kg
Height to Center Line	41" / 104.14 cm	41" / 104.14 cm	39" / 99.06 cm
Maximum Overall Length	41 1/2" / 105.41 cm	84 1/4" / 214.63 cm	66" / 167.64 cm
Overall Width	41" / 104.14 cm	41" / 104.14 cm	49" / 124.46 cm
Maximum Overall Height	44 1/4" to 44 1/2" / 112.40-113.03 cm	57 1/2" / 146.05 cm	50" / 127 cm
Front Wheels	4" / 10.16 cm swivel w/brake	4" / 10.16 cm swivel w/brake	8" / 20.32 cm fixed
Rear Wheels	5" / 12.70 cm fixed	5" / 12.70 cm fixed	6" / 15.24 cm swivel
Handle Length	32" / 81.28 cm	12" / 30.48 cm	12" / 30.48 cm
Length Inside Headplates Adjusts from	NA	29 1/4" - 56" / 74.30-142.24 cm	NA
Maximum Engine Swing Radius	31" / 78.74 cm	31" / 78.74 cm	42" / 106.68 cm

Manufactured in USA • Specifications are subject to change without notice.



ES-6000
6,000 lb.
Capacity

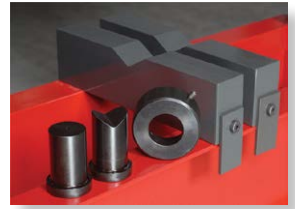


ES-2000
2,000 lb.
Capacity

HEAVY DUTY SHOP PRESSES

Combines Speed & Precision

- Speed Designed to accelerate the ram to the load
- Precision Internal to power system designed eliminate ram over travel
- Power Source Manual or Air/ Hydraulic models available



Accessory Kit:
15 3/4" V-Blocks
& 2" Diameter
Push Adapters



MADE IN
AMERICA
ALL GRAY MANUFACTURED PRODUCTS ARE
100% FACTORY TESTED



Side-to-Side ram
adjustments with
locking capabilities.

Safety guards available

Air Powered
Ram Retract

SP-75
75 Ton Capacity

4-Way mountable
air/hydraulic pump



Hand operated air
valve is connected to
a 54" air hose.

SPECIFICATIONS	SP-75
Capacity	150,000 lbs / 68,039 kg
Power Source	Air/Hydraulic
Stroke	8 3/4" / 22.23 cm
Horizontal Ram Travel	32" / 81.28 cm
Throat Width	50" / 127 cm
Inside Throat Depth	8" / 20.32 cm
Outside Throat Depth	14" / 35.56 cm
Required Air Pressure	120-200 PSI / 8.3-13.8 Bar
Bolster Adj. Increments	6" / 15.24 cm
Vertical Throat Minimum	9 1/2" / 24.13 cm
Vertical Throat Maximum	39 1/2" / 100.33 cm
Overall Depth	44" / 111.76 cm
Overall Width	78" / 198.12 cm
Overall Height	85" / 215.90 cm
Floor Space Dimensions	62" x 44" / 157.48 x 117.6 cm

Manufactured in USA
Specifications are subject to change without notice.



SP-10
10 Ton Capacity

SPECIFICATIONS	SP-10
Capacity	20,000 lbs / 9,079 kg
Cylinder Stroke	10" / 25.40 cm
Weight	180 lbs / 82 kg
Adjustments	6" / 15.24 cm Increments
Overall Foot Print	25 1/8" x 28" / 63.83 x 71.12 cm

Manufactured in USA
Specifications are subject to change
without notice.

Bench Model available

Models Shown with
Optional Guards

SPECIFICATIONS	SP-25
Capacity	50,000 lbs / 22,680 kg
Cylinder Stroke	6 1/4" / 15.88 cm
Weight	510 lbs / 231 kg
Adjustments	4 1/4" / 10.80 cm Increments
Overall Foot Print	40 1/2" x 70 3/8" / 102.87 x 178.77 cm

Manufactured in USA
Specifications are subject to change
without notice.



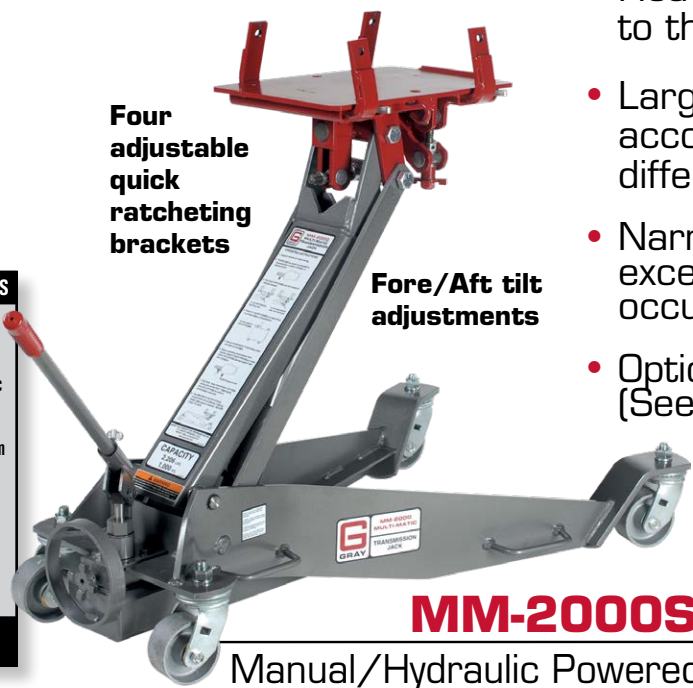
SP-25
25 Ton
Capacity



HEAVY DUTY TRANSMISSION JACK

SPECIFICATIONS	MM-2000S & MM-2000A/HS
Capacity	2,206 lbs. / 1,001 kg
Minimum Start Height	8" / 20.32 cm
Maximum Lift Height	34" / 86.36 cm
Power	Manual/Hydraulic or Air/Hydraulic
Required Air Pressure	90-200 PSI / 6.2-13.8 Bar
Power (Ram) Travel	26" / 66.04 cm
Head Plate Dimension	11 1/2" x 17" / 29.21 x 43.18 cm
Tilt Forward	10°
Tilt Rear	10°
Tilt Side to Side	10°
Overall Width	28 1/4" / 71.76 cm
Overall Length	44 1/2" / 113.03 cm
Handle Length	24 1/4" / 61.60 cm
Caster Diameter	4" / 10.16 cm

Manufactured in USA
Specifications are subject to change without notice.



- Heavy duty casters stand up to the rigorous shop use
- Large head plate accommodates a variety of different size components
- Narrow frame provides excellent balance without occupying excessive floor space
- Optional adapters available (See page 18)



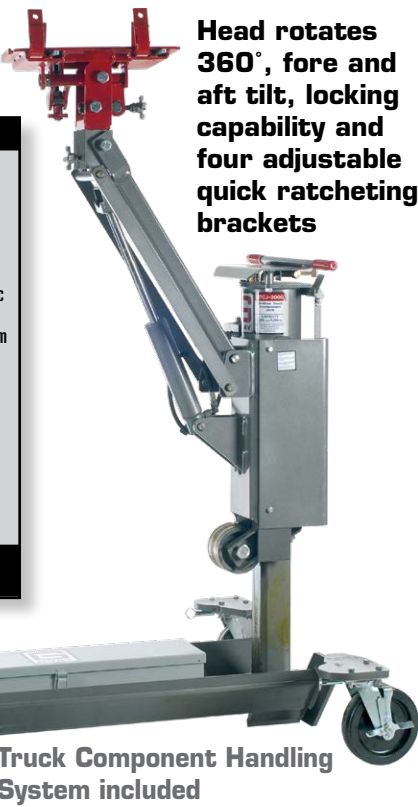
Air/Hydraulic Powered Model Also Available!

HEAVY DUTY HIGH-RISE TRANSMISSION JACK

- Low 30" start height allows for maneuvering under low obstructions
- 2-stage design: 1st stage 100% air operated for speed; 2nd stage air/hydraulic for precise control
- Lockable/steerable casters provide ease when maneuvering throughout the shop
- Large head plate accommodates a variety of different size components
- Optional adapters available (See page 18)

SPECIFICATIONS	HTCJ-2000
Capacity	2,700 lbs. / 1,225 kg
Minimum Start Height	30" / 76.20 cm
Maximum Lift Height	72" / 182.88 cm
Air Stage Stroke	16" / 40.64 cm
Air/Hydraulic Stroke	26" / 66.04 cm
Power	1st Stage - Air 2nd Stage - Air/Hydraulic
Required Air Pressure	110 PSI / 7.6 Bar
Head Plate Dimensions	11 1/2" x 17" / 29.21 x 43.18 cm
Head Rotation	360°
Tilt Forward	10°
Tilt Rear	10°
Tilt Side to Side	10°
Overall Width	42" / 106.68 cm
Overall Height	34 1/2" / 87.63 cm
Overall Length	49 5/16" / 125.25 cm
Handle Length	44 1/2" / 113.03 cm
Caster Diameter	8" / 20.32 cm

Manufactured in USA
Specifications are subject to change without notice.



HTCJ-2000
2,700 lb. Capacity

Retractable tow handle
Truck Component Handling System included



HEAVY DUTY COMPONENT JACKS

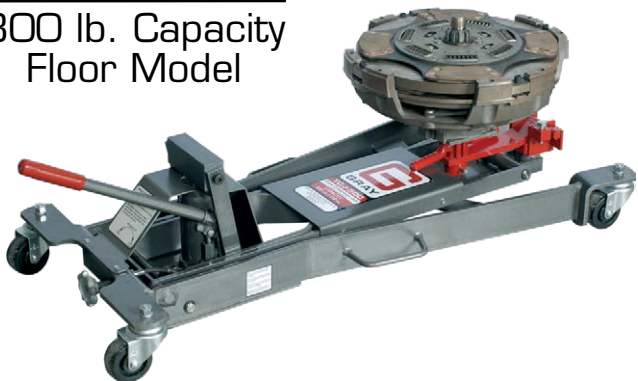
- Head rotates 360° allowing flexibility and convenience during installation and removal of clutches
- Hydraulic power system provides precise adjustment
- Swivel casters permit easy movement
- Fold back feature allows technician to remove jack from underneath the vehicle
- Optional adapters available (See page 18)

SPECIFICATIONS	TCJ-500
Capacity	300 lbs. / 136 kg
Minimum Start Height	15" / 38.10 cm
Maximum Lift Height	39" / 99.06 cm
Overall Width	22" / 55.88 cm
Overall Length	41" / 104.14 cm
Supplied Spline Shaft	2" / 5.08 cm
Swivel Caster Diameter	4 at 3" / 7.62 cm
Head Rotation	360°

Manufactured in USA
Specifications are subject to change without notice.



TCJ-500
300 lb. Capacity
Floor Model



HR-300
300 lb. Capacity
High Rise Model

- Foot pedal controls allow hands-free operation
- 2-stage design: 1st stage 100% air operated for speed; 2nd stage hydraulic for precise control

SPECIFICATIONS	HR-300
Capacity	300 lbs. / 136 kg
Minimum Start Height	40" / 101.60 cm
Maximum Lift Height	80 1/2" / 204.47 cm
Power	1st Stage - Air 2nd Stage - Hydraulic
Width	41" / 104.14 cm
Length	41" / 104.14 cm
Supplied Spline Shaft	2" / 5.08 cm
Swivel Caster Diameter	4 at 3" / 10.16 cm
Head Rotation	360°
Required Air Pressure	100-160 PSI / 6.9-11 Bar

Manufactured in USA
Specifications are subject to change without notice.



1 3/4" 10 Tooth Spline



2" 10 Tooth Spline



2" 14 Tooth Spline



HEAVY DUTY OPTIONAL ADAPTERS



Battery Tray



Flywheel Adapter



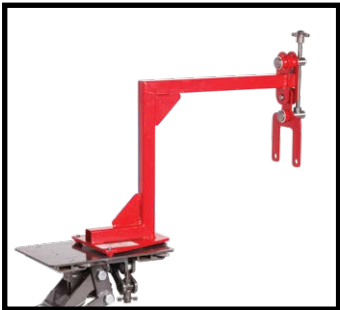
Horizontal DPF Adapter



Mid Range Vehicle
Differential Adapter



DL-25 Drive Line Adapter



DBA-10 Disc Brake
Adapter



Electric Vehicle Battery
Pack Adapter



King Pin Adapter



1-Box DPF Adapter



Half Round or
Flange Adapter



FR Series Eaton® Fuller®
Roadranger® Transmission
Adapter



Clutch Adapter



Differential Adapter



Brake Drum Hub adapter
(TCJ-500 only)

- 2-stage design: 1st stage 100% air operated for speed; 2nd stage hydraulic for precise control
- Swivel casters make for easy maneuverability
- Nylon Speed-Strap™ quickly and conveniently secures the load
- Heavy duty acme threaded screws provide greater bearing surface for easier tilt adjustments

All-Purpose Adapter Kit
Enables removal of transmission and transfer case as one unit and allows for easy removal of front wheel drive transaxles.



#45 Adapter 4 ratcheting adapters stabilize irregular-shaped transmission pans allowing one-person removal and installation.

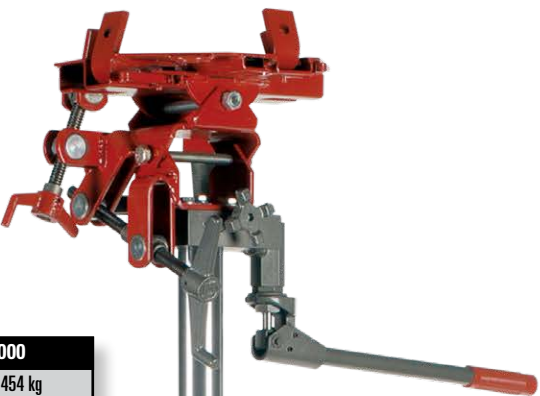


#90 Adapter
Designed for the vehicles where the exhaust passes next to the transmission pan prohibiting easy transmission removal.



Northstar® Adapter for 4T80E
Units stabilizes the pre-2000 model transmissions with only one mechanic by connecting to the side of the transmission in the provided bolt hole pattern.

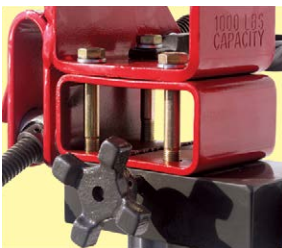
SPECIFICATIONS	HTJ-1000
Capacity	1,000 lbs / 454 kg
Minimum Start Height	34 1/2" / 87.63 cm
Maximum Lift Height	72" / 182.88 cm
Power	1st Stage - Air 2nd Stage - Hydraulic
Head Plate Dimensions	11 1/2" x 11 1/2" / 29.21 x 29.21 cm
Overall Width	41" / 104.14 cm
Overall Length	41" / 104.14 cm
Swivel Caster Diameter	4" / 10.16 cm
Required Air Pressure	90 to 160 PSI / 6.2-11 Bar
Tilt Forward	40°
Tilt Rear	20°
Tilt Side	10°
Manufactured in USA Specifications are subject to change without notice.	



Easy grip crank knobs



Four quick ratcheting
brackets



Optional 2"
height adapter



HTJ-1000

1,000 lb. Capacity

Rated #1 by the
Professional R&D
Technicians





WHEEL DOLLIES



Both Models Feature:

Flexible design works with both super single and dual wheel assemblies

Handles a variety of tire and wheel assemblies including truck, aircraft, ground support and farm equipment applications

Internal bearings provide smooth rotation of the arms for aligning wheel assemblies to hubs



- Offset column allows for open work space when removing wheel assemblies
- 3 swivel casters provide great portability when moving wheel assemblies throughout the shop

WDH-12
1,200 lb. Capacity
High Rise Model



- Combines fore/aft with side-to-side tilting adjustments
- Air assisted hydraulic power system

SPECIFICATIONS	WD-150S	WDH-12
Capacity	1,500 lbs / 680 kg	1,200 lbs / 544 kg
Maximum Lift Height	8" / 20.32 cm	51" / 129.54 cm
Power	Hydraulic	Air Assist/Hydraulic
Lift Arm Spread	24" / 60.96 cm	24" / 60.96 cm
Forward Tilt	2"	4"
Rear Tilt	5"	4"
Overall Length	39" / 99.06 cm	52 1/4" / 132.72 cm
Overall Width	36" / 91.44 cm	42 1/2" / 107.95 cm
Overall Height	30" / 76.20 cm	123 3/8" / 313.39 cm
Chain Length	72" / 182.88 cm	72" / 182.88 cm
Manufactured in USA Specifications are subject to change without notice.		



Shown with optional height adapter



Controlled fluid flow valve



Manual valve creates an air tight seal to evacuate the fluid



AH-15
Anti-Freeze Handler™

PORTABLE AIR POWERED FLUID HANDLERS

Both Models Feature:

- 3 swivel casters to provide easy portability
- Welded body construction
- Air pressurized system, no pump to wear out, uses shop air
- Factory set air regulator and "pop-off" valve
- Low profile design of 9"
- Non-Air Evacuated Models Available

SPECIFICATIONS	OH-15 & AH-15
Capacity	15 gallons / 56.78 Liters
Overall Height	9" / 22.86 cm
Overall Diameter	30" / 76.20 cm
Catch Pan Diameter	24" / 60.96 cm
Catch Pan Depth	27/16" / 6.20 cm
Drain Hose Length	120" / 304.80 cm
Drain Hose Diameter	3/4" (I.D.) / 1.91 cm
Drain Shut-Off	3/4" / 1.91 cm
Swivel Caster Diameter	3" / 7.62 cm
Regulator	12 PSI / .83 Bar
Pop Off Valve	15 PSI / 1.03 Bar
Manufactured in USA Specifications are subject to change without notice.	



OH-15
Oil Handler™

HEAVY DUTY QUICKPAC® SPIN-ON OIL FILTER CRUSHERS

Both Models Feature:

- Accommodates up to 4 automotive spin-on oil filters
- Interlocking feature prevents door from opening until the ram is fully retracted
- Removable catch basin allows crusher to be cleaned periodically
- 100% air operated
- Mounting stand included and no complicated set-up or installation required

SPECIFICATIONS	QP-50	QP-160
Overall Height	69 1/2" / 176.53 cm	85 1/2" / 217.17 cm
Overall Width	15" / 38.10 cm	20 1/2" / 52.07 cm
Overall Depth	16 3/4" / 42.55 cm	16 3/4" / 42.55 cm
CRUSHING CHAMBER		
Height	9" / 22.86 cm	16 1/4" / 41.28 cm
Width	8" / 20.32 cm	10" / 25.40 cm
Depth	8" / 20.32 cm	8" / 20.32 cm
Air Inlet	1/4 Female npt	1/4 Female npt
Air Pressure	100-200 PSI / 6.9-13.8 Bar	
Catch Basin Connection	3/4 Female npt	3/4 Female npt
STAND DIMENSIONS		
Overall Width	29" / 73.66 cm	29" / 73.66 cm
Overall Depth	23" / 58.42 cm	27" / 68.58 cm
Overall Height	57" / 144.78 cm	61" / 154.94 cm
CRUSHING FORCE BY AIR PRESSURE		
Crushing Force	Air Pressure Required	
12,000 lbs/6 tons	112 PSI / 7.7 Bar	
14,000 lbs/7 tons	129 PSI / 8.9 Bar	
16,000 lbs/8 tons	147 PSI / 10.1 Bar	
18,000 lbs/9 tons	165 PSI / 11.3 Bar	
20,000 lbs/10 tons	183 PSI / 12.6 Bar	
22,000 lbs/11 tons	200 PSI / 13.8 Bar	
Manufactured in USA Specifications are subject to change without notice.		



Extracts up to 95% of used oil from the filter



QP-50
Automotive Model
Crushes filters up to 9" tall

QP-160
Truck Model
Crushes filters up to 16" tall



HEAVY DUTY FORKLIFT JACKS

- Low Starting Height of 21¼"
- The industry leader for nearly 40 years!

SPECIFICATIONS	FLJ-400C	FLJ-400 A/H	FLJ-770B	FLJ-770 A/H
Capacity	8,000 lbs / 3,629 kg	8,000 lbs / 3,629 kg	15,442 lbs / 7,004 kg	15,442 lbs / 7,004 kg
Maximum Lift Height	16" / 40.64 cm	16" / 40.64 cm	16" / 40.64 cm	16" / 40.64 cm
Power	Hydraulic	Air/Hydraulic	Hydraulic	Air/Hydraulic
Required Air Pressure	N/A	155 PSI	N/A	155 PSI
Reach (Raised Position) (Distance from Hydraulic Cylinder to Lift Pad)	7" / 17.78 cm	7" / 17.78 cm	7" / 17.78 cm	7" / 17.78 cm
Width	8" / 20.32 cm	8" / 20.32 cm	10" / 25.40 cm	10" / 25.40 cm
Starting Pad Height (Lift Arm Notch)	2 1/4" / 5.72 cm	2 1/4" / 5.72 cm	2 1/4" / 5.72 cm	2 1/4" / 5.72 cm
Starting Pad Height (Serrated Lift Pad)	2 1/2" / 6.35 cm	2 1/2" / 6.35 cm	2 1/2" / 6.35 cm	2 1/2" / 6.35 cm

Manufactured in USA • Specifications are subject to change without notice.

FLJ-770

7 Metric Ton
Capacity

FLJ-400

4 Ton Capacity

Air/Hydraulic Powered
Models Now Available



**Hold-to-Run™
Release Knob**
provides slower
descent rate with
precise operator
control



Use with
Model 7-TF
Vehicle Support
Stands
(see page 10)



Forklift using
WPLS
and Forklift
Adaptors

HEAVY DUTY QUICKLIFT® TWO/FOUR POST LIFTS

- Great for Preventative Maintenance
- Surface Mounted No Excavating Required!
- Other Models Available. Call for details!

ROLLING BRIDGE
JACKS AVAILABLE



QL-110 QUICKLIFT®

11,000 lb. Capacity
Asymmetric Design
Certified to meet
ANSI/ALI-ALCTV-2011



QL-300A QUICKLIFT®

30,000 lb. Capacity
68" Maximum Lift Height



Single point, pneumatic locking
mechanism & simultaneous lock
release from one location

SPECIFICATIONS	QL-300
Capacity	30,000 lbs / 13,608 kg
Maximum Wheel Base	290" / 736.60 cm
Maximum Lift Height	68" / 172.72 cm
Overall Length	29' 7 1/2" / 902.97 cm
Overall Width	12' 5 1/2" / 379.73 cm
Overall Height	92" / 233.68 cm
Inside Columns	132 1/2" / 336.55 cm
Between Columns	293 3/4" / 746.13 cm
Runway Width	24" / 60.96 cm
Runway Height	9" / 22.86 cm
Width Between Runways	54"-75" / 137.16-190.50 cm
Motor	5 HP
Voltage	208-230 Volts
Speed of Rise	105 Seconds
Amps	30 Amps
Minimum Bay Size	15' 6" x 35' / 472.44 x 1,066.80 cm

Manufactured in USA
Specifications are subject to change
without notice.

SPECIFICATIONS	QL-1500A	QL-110
Capacity	15,000 lbs / 6,804 kg	11,000 lbs / 4,990 kg
Maximum Lift Height	73 3/4" / 187.33 cm	73 3/4" / 187.33 cm
Overall Height	14' 6" / 441.96 cm	11' 9 1/2" / 359.41 cm
Shut Off Height	13' 11" / 424.18 cm	11' 3" / 342.90 cm
Overall Width	153 1/2" / 389.89 cm	138 1/2" / 351.79 cm
Inside Column Width	10' 6" / 320.04 cm	9' 7" / 292.10 cm
Drive Thru Width	9' 5 1/4" / 287.66 cm	8' / 243.84 cm
Reach (Front Arm Max.)	62" / 157.48 cm	45 1/8" / 114.63 cm
Reach (Rear Arm Max.)	62" / 157.48 cm	62" / 157.48 cm
Minimum Pad Height	4 3/4" / 12.07 cm	4 3/4" / 12.07 cm
Motor	2 HP	2HP
Voltage, Single Phase	208V-230V	208V-230V
Amps	30 Amps	30 Amps
Speed of Rise	80 Seconds	50 Seconds
Ceiling Height Required	14' 8" / 447.04 cm	12' 1 1/2" / 369.57 cm
First Locking Height	16 1/2" / 41.91 cm	16 1/2" / 41.91 cm
Last Locking Height	72 1/2" / 184.15 cm	72 1/2" / 184.15 cm
Locking Increments	4" / 10.16 cm	4" / 10.16 cm
Bay Width	165 1/2" / 420.37 cm	150 1/2" / 382.27 cm
Dist. In Front of Lift	10" / 304.80 cm	8" / 243.84 cm
Dist. In Rear of Lift	15' / 457.20 cm	12' / 365.76 cm

Manufactured in USA
Specifications are subject to change without notice.

