

TANGYE

*Screw  
jacks*

**T**ANGYES LIMITED were amongst the foremost makers of Screw Lifting Jacks, and their long experience in *the manufacture of all kinds of Jacks* has achieved a world-wide reputation for excellence and reliability in this branch of their engineering productions.

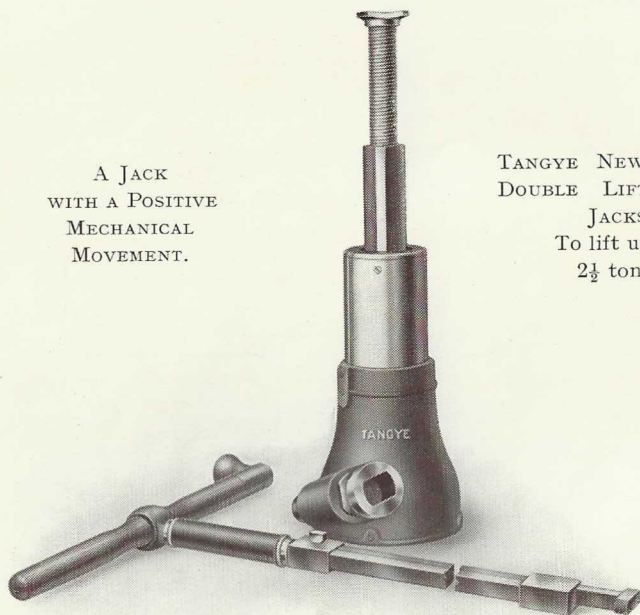
This booklet briefly illustrates a few of the standard pattern Jacks, but many special types have been supplied, and Tangyes Limited are always pleased to meet customers' particular requirements.

Contractors to the Admiralty, War Office, Air Ministry, India Office, Crown Agents for the Colonies, and the Principal Railway Companies.

**TANGYES LTD.,**  
**CORNWALL WORKS,**  
**BIRMINGHAM.**

# TANGYE SCREW LIFTING JACKS

A JACK  
WITH A POSITIVE  
MECHANICAL  
MOVEMENT.



TANGYE NEW DESIGN  
DOUBLE LIFT SCREW  
JACKS.  
To lift up to  
2½ tons.

To lift ... .. cwt	25	50
Height when closed ... .. ins.	6½	6½
Height when fully run out and adjusting screw fully extended ... .. "	18¾	19¼
Effective run out ... .. "	7¾	8
Adjustment of lifting screw ... .. "	4¾	4¾
Approx. weight, with aluminium casing lbs.	9½	15
Price ... ..	86/-	104/-
Approx. weight, with malleable iron casing lbs.	11½	20
Price ... ..	82/-	98/-

THE GEAR IN THIS JACK IS OF THE WORM TYPE, GIVING VERY EASY MANIPULATION. THE HANDLE IS OF SUFFICIENT LENGTH TO PERMIT OF JACK BEING OPERATED FROM REAR OF VEHICLE.

# TANGYE SCREW LIFTING JACKS

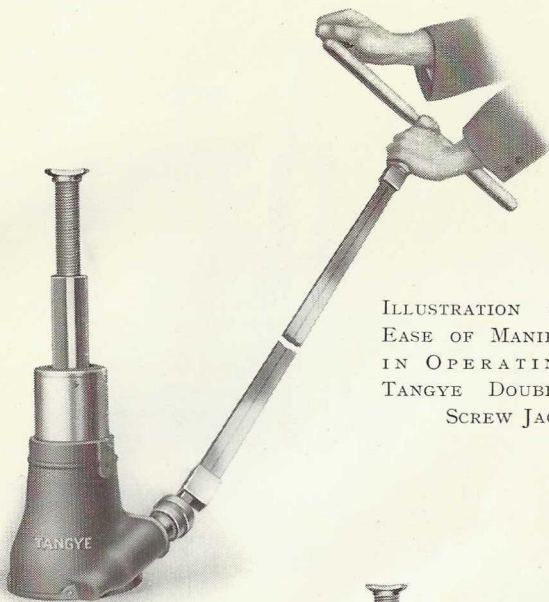


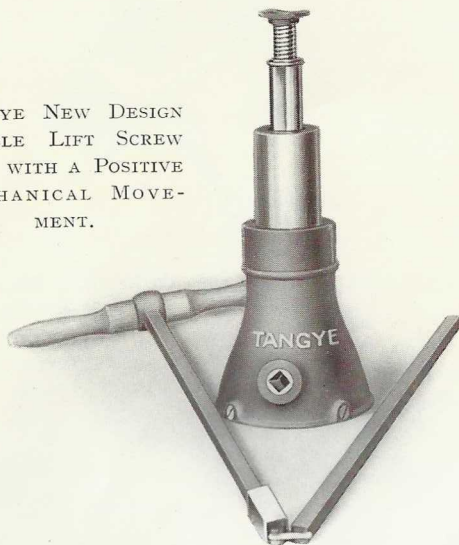
ILLUSTRATION SHOWING  
EASE OF MANIPULATION  
IN OPERATING THE  
TANGYE DOUBLE LIFT  
SCREW JACK.

ILLUSTRATION SHOWING  
THE TANGYE NEW DESIGN  
SINGLE LIFT SCREW JACK.



# TANGYE SCREW LIFTING JACKS

TANGYE NEW DESIGN  
DOUBLE LIFT SCREW  
JACK WITH A POSITIVE  
MECHANICAL MOVE-  
MENT.



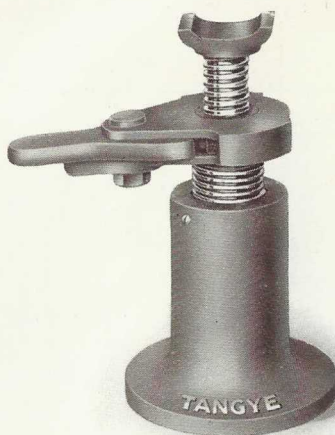
To lift	...	...	...	...	...	...	...	...	Jack with Bevel Gear 15
Height when closed	...	...	...	...	...	ins.	...	...	6
Height when fully run out and adjusting screw fully extended	...	...	...	...	...	ins.	...	...	18
Effective run out	...	...	...	...	...	...	...	...	7½
Adjustment of lifting screw	...	...	...	...	...	...	...	...	4½
Approx. weight with aluminium casing	...	...	...	...	...	lbs.	...	...	8½
Price	...	...	...	...	...	...	...	...	53/-
Approx. weight, with malleable iron casing	...	...	...	...	...	lbs.	...	...	9½
Price	...	...	...	...	...	...	...	...	50/-

# TANGYE SCREW LIFTING JACKS



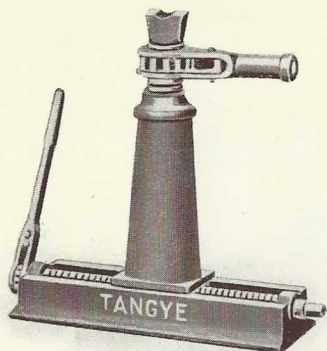
TANGYE SPECIAL SCREW  
JACKS, FITTED WITH  
PATENT RATCHET.

ANY OF THE STANDARD  
JACKS SHOWN ON THE  
FOLLOWING PAGES CAN BE  
FITTED WITH THIS PATENT  
RATCHET.



# TANGYE SCREW LIFTING JACKS

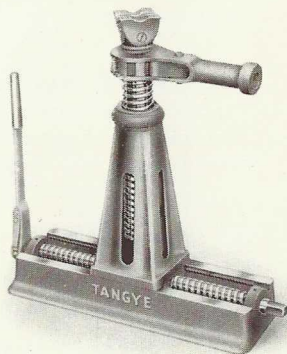
## Bottle Traverse Jack "A."



To lift ... tons	8	12	16	20
Diam. of elevating screw ... ins.	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
Height when down ,,	20 $\frac{3}{4}$	21 $\frac{1}{4}$	22 $\frac{1}{2}$	22 $\frac{1}{2}$
Run out ... ,,	9	9	9	9
Length of traverse ,,	7	12	12	12
Length overall ,,	18	25	26	28
Approx. weight lbs.	71	92	108	146
Price ... ..	96/-	116/-	130/-	162/-

## Open-case Traverse Jack "AAA."

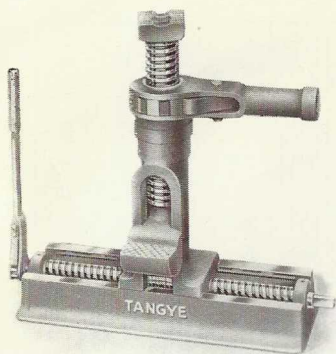
To lift ... tons	8	12	16	20
Diam. of elevating screw ... ins.	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
Height when down ,,	20 $\frac{3}{4}$	21 $\frac{1}{4}$	22 $\frac{1}{2}$	22 $\frac{1}{2}$
Run out ... ,,	9	9	9	9
Length of traverse ,,	7	12	12	12
Length overall ,,	18	25	26	28
Approx. weight lbs.	68	93	108	132
Price ... ..	80/-	97/-	112/-	135/-



TOMMY BARS EXTRA.

# TANGYE SCREW LIFTING JACKS

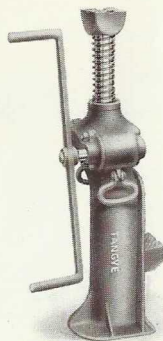
## Tram-car Traverse Jack.



To lift ... .. tons	6	12	16
Diam. elevating screw ins.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Height of head when down ... .. ins.	15 $\frac{3}{4}$	19	22
Height of foot when down ..	3 $\frac{3}{4}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$
Run out ... .. "	3 $\frac{1}{2}$	6 $\frac{1}{4}$	8
Length of traverse ... .. "	7	12	12
Length overall ... .. "	18	25	26
Approx. weight ... lbs.	66	94	129
Price ... ..	107/-	132/-	181/-

## Haley Jack with Iron Case "Ba."

To lift ... .. tons	4	6	8	10	12
Diameter of screw ... .. ins.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3
Height of head when down ..	26	28	30	31	34
Height of foot when down...	2 $\frac{1}{2}$	3	3	3 $\frac{3}{8}$	3 $\frac{1}{2}$
Run out ... .. "	13	13	12 $\frac{1}{2}$	12 $\frac{1}{2}$	15
Approx. weight ... .. lbs.	80	98	130	144	192
Price ... ..	116/-	135/-	162/-	185/-	228/-



TOMMY BARS NOT INCLUDED.



# TANGYE SCREW LIFTING JACKS

## Bottle Jack "I."



To lift ... .. tons	2	5	8	12	16
Diameter of screw ... ins.	1½	2	2¼	2¾	2½
Height when down ... „	11	18	22	23	24
Run out ... .. „	4	9	12	12	12
Approx. weight ... lbs.	12	30	49	59	68
Price ... ..	13/3	26/6	37/6	48/6	59/6

## Bottle Jack "Ka."

To lift ... .. tons	2	5	8	12
Diameter of screw ... .. ins.	1½	2	2¼	2¾
Height when down ... .. „	11	18	22	23
Run out ... .. „	4	9	12	12
Approx. weight ... .. lbs.	12	31	49	54
Price ... ..	11/-	20/-	29/-	36/6



TOMMY BARS NOT INCLUDED.

# TANGYE SCREW LIFTING JACKS

## Ratchet Bottle Jack "G."



To lift ... .. tons	5	8	12	16
Diameter of screw ... ins.	2	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{1}{2}$
Height when down ..	17	21	22	23
Run out ... .. "	9	12	12	12
Approx. weight ... lbs.	30	51	62	72
Price ... ..	34/-	46/-	54/-	66/-

TOMMY BARS NOT INCLUDED.

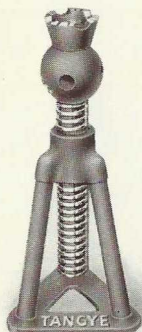
## "Transport" Jack.

To lift ... .. tons	5
Diameter of screw ... ins.	2
Run out ... .. "	5 $\frac{1}{2}$
Height when down ... ..	9 $\frac{1}{2}$
Diameter of base ... ..	8
Approx. weight, Jack lbs.	23
Approx. weight, Lever ..	5
Price ... ..	34/-



# TANGYE SCREW LIFTING JACKS

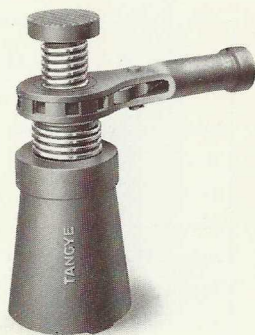
## Tripod Jack "H."



To lift ... .. tons	2	5	8	12
Diameter of screw ... ins.	1½	2	2¼	2¾
Height when down ... ..	11	18	22	23
Run out ... ..	4	9	12	12
Approx. weight ... lbs.	11	32	48	60
Price ... ..	21/-	36/6	47/-	61/-

## Quick-Lifting Tram-car Telescope Jack.

To lift ... .. tons	8	8
Diameter of small screw ins.	2	2
Height when down ... ..	5½	9
Run out ... ..	5	12
Approx. weight ... lbs.	35	50
Price ... ..	60/-	76/-



TOMMY BARS NOT INCLUDED.

# TANGYE SCREW LIFTING JACKS

## Windlass Jack.



To lift ... .. tons	5	8	10
Diameter of screw ... ins.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$
Height of head when down ..	30	32	33 $\frac{1}{2}$
Height of foot when down ..	2 $\frac{3}{8}$	2 $\frac{1}{2}$	3
Run out ... .. "	13	15	15
Approx. weight ... .. lbs.	87	104	134
Price ... ..	122/-	137/-	210/-

## Cable-Drum Lifting Jack.

To lift ... .. tons	3	6
Diameter of screw ... ins.	1 $\frac{7}{8}$	2
Size of base ... .. "	18×9	18×9
Run out ... .. "	12	12
Height when down ... .. "	23	25
Approx. weight ... lbs.	117	120
Price ... ..	64/-	73/-



TOMMY BARS NOT INCLUDED.

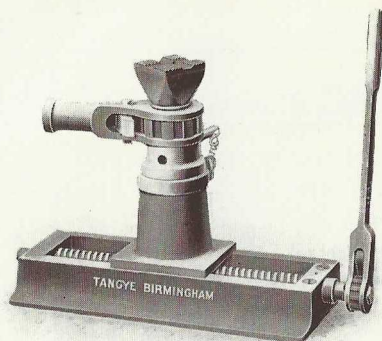
# TANGYE SCREW LIFTING JACKS

## Telescope Traversing Jack.



THESE TWO VIEWS SHOW TYPICAL  
ILLUSTRATIONS OF  
TELESCOPE TRAVERSING JACKS.

FULL PARTICULARS  
AND PRICES GIVEN  
ON APPLICATION.



TOMMY BARS NOT INCLUDED.

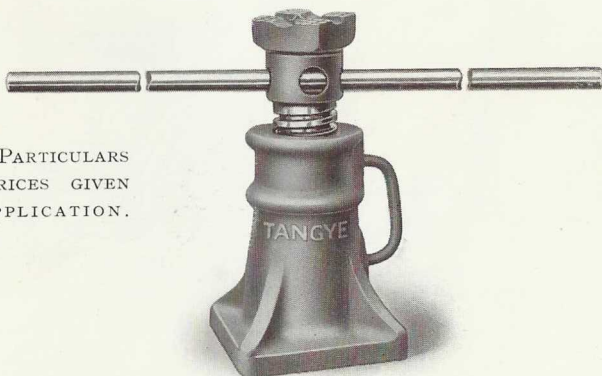
# TANGYE SCREW LIFTING JACKS

## Special Screw Bottle Jacks



WITH  
CARRYING  
HANDLE.

THESE JACKS SPECIALLY DESIGNED  
FOR MEETING  
CUSTOMERS' PARTICULAR REQUIREMENTS.

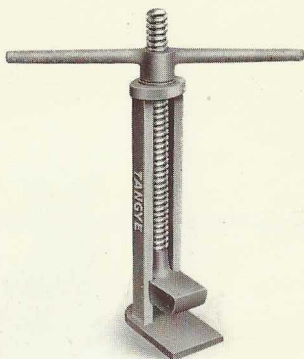


FULL PARTICULARS  
AND PRICES GIVEN  
ON APPLICATION.

# TANGYE SCREW LIFTING JACKS

## Screw Rail Lifter.

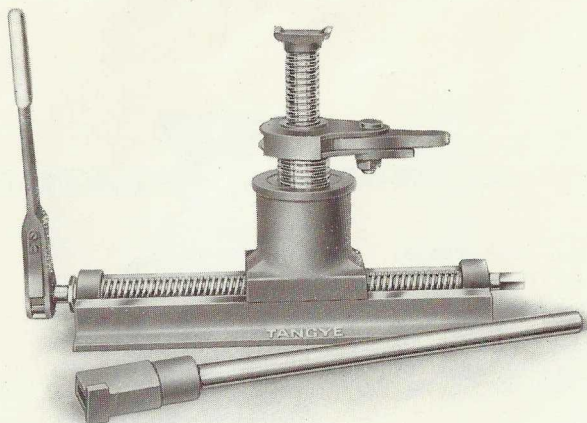
WROUGHT-IRON FRAME.  
SCREW AND HAND LEVER.



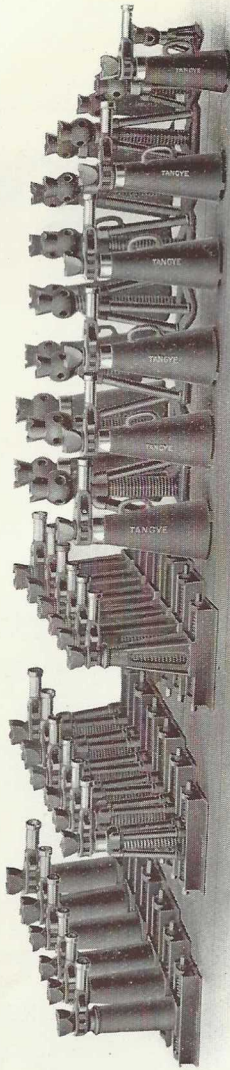
Diam. of screw ins.	1 1/4	1 1/2	1 3/4	2
Height of foot ... ins.	2 1/4	2 1/2	2 3/4	3
Run out ... ..	16	16	16	16
Height when down ..	25	25	25	26
Approx. weight lbs.	38	53	59	76
Price ... ..	78/-	90/-	96/-	108/-

## Tangye Telescopic Screw Lifting and Traversing Jack

WITH PATENT RATCHET.



FULL PARTICULARS AND PRICES GIVEN ON APPLICATION.



GROUP OF TANGYE SCREW LIFTING JACKS.  
For a Government Order.



# **TANGYE**

**PRODUCTIONS**

**OIL ENGINES**

**GAS ENGINES**

**STEAM ENGINES**

**POWER PUMPS**

**STEAM PUMPS**

**MACHINE TOOLS**

**LIFTING TACKLE**

**HYDRAULIC MACHINERY**

**MALLEABLE CASTINGS**

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CORNWALL WORKS, BIRMINGHAM.

