

World-Widely Applied —

Fuji Pullers

85 series



KOYO INDUSTRIES CO.,LTD.

Light-Weight, Sturdy, High Performance, three major outstanding features supplied. Designed in accordance with the JIS standard, with 4 times safety factor provided.

Sturdy Hook, enabling positive engagement.

Sufficiently strong and hardly yielding for lifting load, and much rarely snapping off even in over-loading.
Possible to remove Top Hook just by pulling out a pin and replace easily.

Removal of "stick-on"

(Pat. P.)

Easy to get rid of "stick-on" problem with brake discs caused for over-loading or impact.

Original Free Wheeling System.

Long experience enabled us to develop such an original simple mechanism. Easy to switch over to Free Wheeling, but Free Wheeling returns to the hoisting mode and locks automatically for positive and safe operation immediately upon applying load onto the hook.

Rewinding Change Lever

(Pat. P.)

Easy to switch over to rewinding mode for efficient operation. Designed to facilitate maintenance.

Link Chain Stop checks the chain from going through off and also works as a gauge of chain's elongation.



If Link Chain Stop does not go through the hook's opening, it's okay.

If link goes through inside of Link Chain Stop vertically, it's okay.



Lever is supplied with rubber grip for better fit and operation.

Main Frame of high tensile steel sheet and uni-molded thick cover.

The housing is built to be strong and durable enough to cope with multiple applications.

The shape itself is designed so as to be stable in binding works and the uni-molded cover is well resistant against impact from outside. It also holds rain and dust from filtering into.



Ecology-minded pollution-free Brake Discs.

Brake Discs are manufactured of high grade and low abrasion Aramid fiber.

Hand Wheel.

Pinion Shaft does not penetrate and the shaft end is completely protected.

High Grade Gears supplied.

Reduction gears of chromium molybdenum steel are manufactured under strict quality control to be light weight, for making excellent strength and high performance.

Extra Strong Chain, grade V.

Breaking strength 100 kgs./mm². Strong and high abrasion resistant chain is durable enough to work satisfactorily in much hard and heavy duty use.

Fuji Puller is proud of being the first Ratchet Lever Hoist manufactured in Japan, which was 1938, and has maintained the history of supply for longer than half century.

During those years, we have been endeavoring to improve repeatedly the equipment, aiming at "safer and easier to use", which resulted in use of link chain of special alloy steel, development of free wheeling device, aluminum alloy housing, etc., enabling us to lead this field of business as a pioneer.

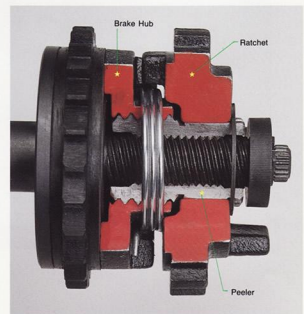
Fuji Puller, 8S series was developed to be a high grade equipment, lighter in weight and higher in safety, following the JIS B8819 regulated in 1990.

The uni-molded housing, the grade V chain, solution of the inevitable problem "stick-on" with Ratchet Lever Hoists, all these are materialized in this new and unsurpassed series.

Tackled with "stick-on" much seriously and solved out (Pat. P.)

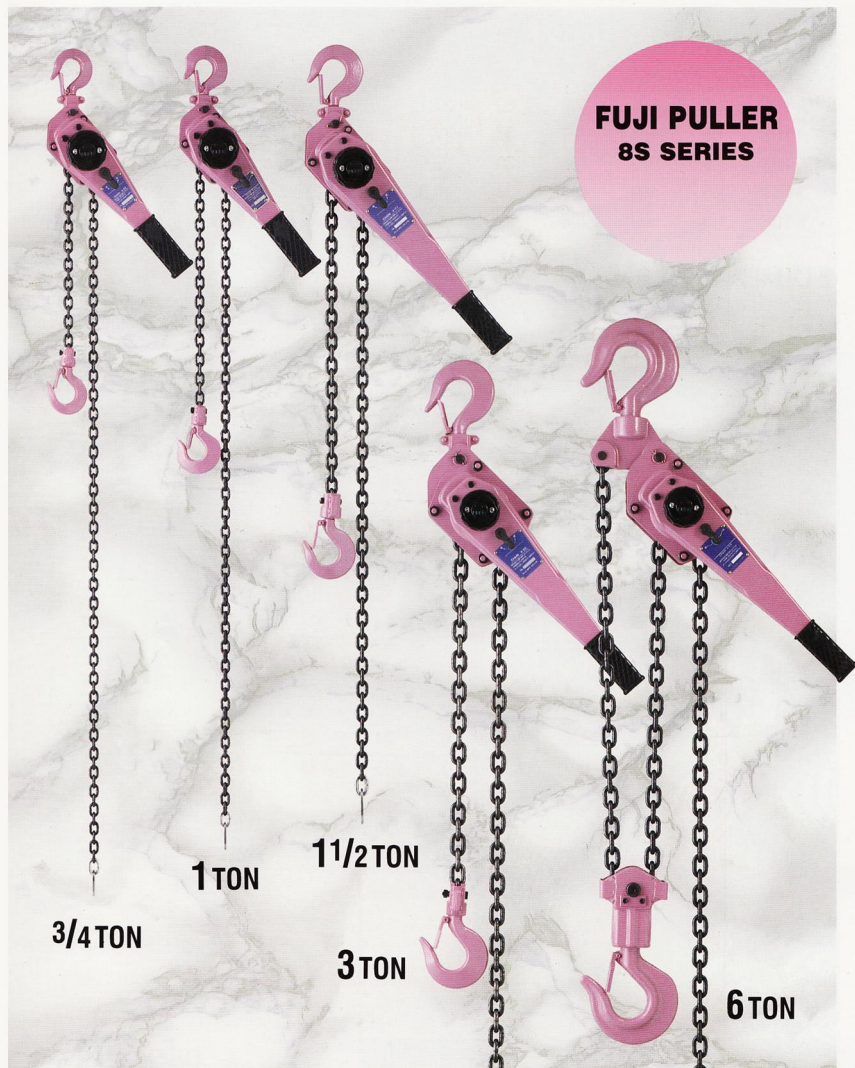
When Lever Handle is pumped to start turning Ratchet in counter-clockwise direction, the braking face of Brake Hub and the left-hand threaded portion of Peeler bring forth different friction torque. Subsequently while Brake Hub does not rotate, Ratchet and Peeler only proceed to turn in counter-clockwise direction. This works to release the friction on the braking face and the one on the threaded portion separately.

Compared with our previous model or other makes, "stick-on" could be removed with one third force in this new series.



The Unsurpassed, Most Reliable Brand, Fuji Pullers Newest 8S Series

■ The best 5 models are lined-up and free to select upon desired use.

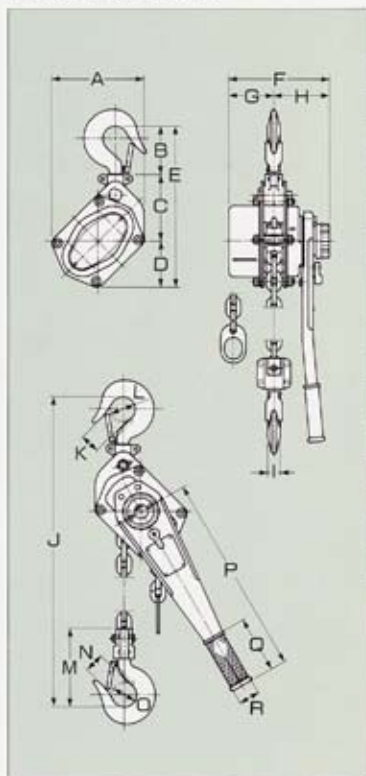


FUJI PULLER 8S SERIES

● SPECIFICATIONS

Rated Cap'y	Std. Lift (m)	Min. Dist. Between Hooks (mm)	Lever Length (mm)	Average Pull to Lift Cap'y (kgf)	Lift per Full Turn of Lever (mm)	Net Weight (kg)	Additional Chain Weight per 1m Lift (kg)	Total Chain Length (mm)	Link chain (mm)	Gross Weight (kg)
3/4 TON	1.5	314	268	30	27.1	6.3	0.71	1683	φ 5.6	6.9
1 TON	1.5	304	268	37	27.1	6.4	0.71	1683	φ 5.6	7.0
1 1/2 TON	1.5	379	408	30	29.0	9.3	1.08	1701	φ 7.1	9.9
3 TON	1.5	480	408	38	19.8	16.6	1.87	1809	φ 9.0	17.6
6 TON	1.5	606	408	38	9.9	28.0	3.74	3672	φ 9.0	29.8

● DIMENSIONS

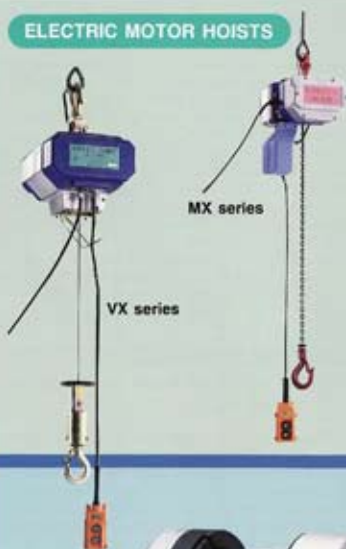


Rated Cap'y	3/4 TON	1 TON	1 1/2 TON	3 TON	6 TON
A	125	125	150	187	270
B	66	61.5	83	98	125.5
C	89	89	104	135.5	164
D	62.5	62.5	75	93.5	93.5
E	217.5	213	262	327	383
F	160.5	160.5	172.5	204	204
G	54.5	54.5	65.5	90	90
H	106	106	107	114	114
I	14.5	18	20	25	35
J	314	304	379	480	606
K	24	23	33	40	47
L	φ 35	φ 33	φ 42	φ 50	φ 64
M	101	96.5	128	160	270.5
N	24	23	33	40	47
O	φ 35	φ 33	φ 42	φ 50	φ 64
P	268	268	408	408	408
Q	115	115	115	115	115
R	42	42	42	42	42

KOYO INDUSTRIES CO.,LTD.

Various Series For Users' Needs. Your consideration is invited.

ELECTRIC MOTOR HOISTS



MANUAL WINCH



ELECTRIC SILVER WINCH

KOYO INDUSTRIES CO.,LTD.

P.O.BOX: NO.79 MINAMI OSAKA JAPAN
OFFICE: NO.101 TOJUSO-KOKUMACHI BLDG.
2-2 KOKUMACHI 2CHOME, CHUO-KU, OSAKA, JAPAN
TEL:81-6-6941-9541 FAX: 81-6-6941-9545
E-MAIL: koyo.ind@axel.ocn.ne.jp

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