

Chain Information

Everything you need to know for buying chain for use with Plath wildcats.

◆ R.C. Plath System 3 Proof Coil

Chain Size	Actual Size	Weight per 100'	Working Load	Test Load Minimum	Ultimate Breaking	Inside Length	Inside Width
1/4	9/32	71	1,250	2,500	5,000	1.01	.48
5/16	11/32	107	1,900	3,800	7,600	1.10	.46
3/8	13/32	158	2,650	5,300	10,600	1.22	.59
1/2	17/32	268	4,500	9,000	18,000	1.54	.79

◆ R.C. Plath System 4 High Test

1/4	9/32	75	2,600	4,300	7,750	.79	.40
5/16	11/32	111	3,900	6,400	11,600	.98	.45
3/8	13/32	157	5,400	8,900	16,200	1.15	.58
7/16	15/32	213	7,200	11,900	21,500	1.31	.67
1/2	17/32	264	9,200	15,300	27,600	1.41	.76

◆ R.C. Plath System 7 Binding Chain

1/4	9/32	75	3,150	6,300	12,600	.82	.39
5/16	11/32	111	4,700	9,400	18,800	1.02	.46
3/8	13/32	157	6,600	13,200	26,400	1.14	.59
7/16	15/32	235	8,750	17,500	35,000	1.29	.65
1/2	17/32	264	11,300	22,600	45,600	1.43	.75

◆ R.C. Plath System 8 High Strength Alloy Test

1/4	9/32	75	4,100	8,200	14,400	.87	.44
5/16	5/16	91	5,100	10,200	17,800	.94	.46
3/8	13/32	159	7,300	14,600	25,600	1.11	.54
1/2	1/2	263	13,000	26,000	45,600	1.55	.72

System 3 same as System 3 - G3 - Grade 3 - Type 3

System 4 same as System 4 - G4 - Grade 4 - Type 4

System 7 same as System 7 - G7 - Grade 7 - Type 7

System 8 same as System 8 - G8 - Grade 8 - Type 8

Loss of strength specification due to galvanizing

System 3 approx. 0% reduction

System 4 approx. 10% reduction

System 7 approx. 20% reduction

System 8 approx. 30%+ reduction

Power Take-Offs

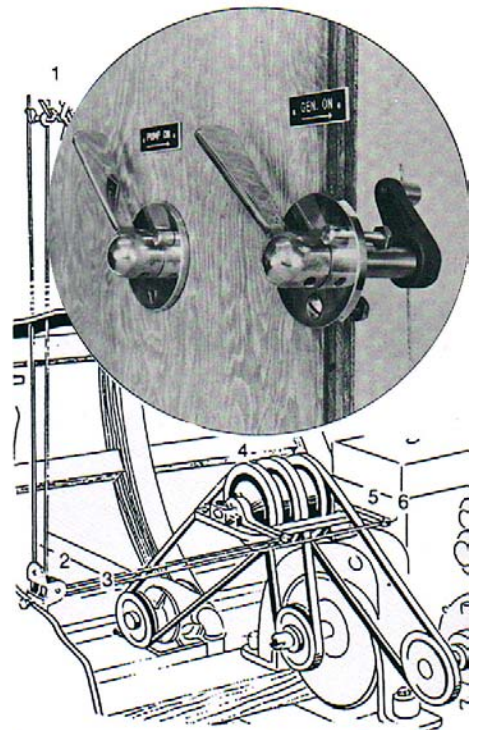
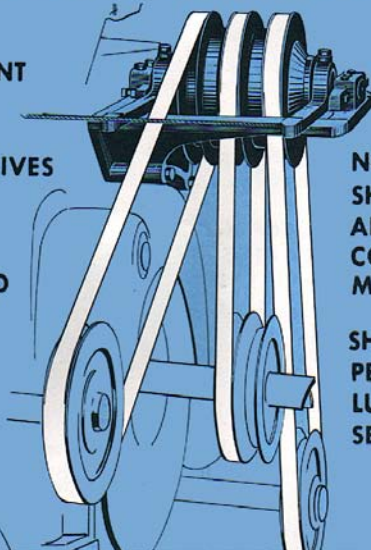
Now you can easily operate Generators, Winches, Bilge Pumps...with Plath's Power Take-off...direct from your main engine

**TWO INDEPENDENT
CONE CLUTCHES
PROVIDE TWO
INDEPENDENT DRIVES**

**MAY BE ENGAGED
OR DISENGAGED
AT ANY SPEED**

**NON-ROTATING
SHAFT ELIMINATES
ALL WEAR ON
CONTROL
MECHANISM**

**SHEAVES TURN ON
PERMANENTLY
LUBRICATED AND
SEALED BEARINGS**



Operates from V-Belt Pulley on Crankshaft Stub Shaft

Here is a practical solution for the auxiliary power problems on small vessels. With the PLATH Power Take-off, you can use the power of your main engine to efficiently operate high-capacity bilge pumps, generators, compressors and hydraulic pumps. Commercial fishing boats can also operate line shafting, gillnet reels, gurdies or washdown pumps.

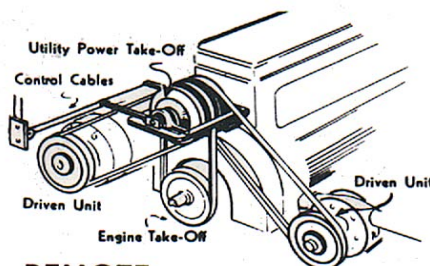
Two independent cone clutches—with a direct or remote control for each—provide two independent drives. Power from the engine is transmitted through a V-belt drive to the center sheave of the take-off.

Movement of a control lever to the engaged position brings the outside sheave in contact with the cone clutch and power is immediately and smoothly transmitted to the auxiliary equipment through V-belt drive. Either of the drives may be used separately or both at the same time.

The non-rotating shaft made of stainless steel carries the V-belt sheaves that rotate on permanently lubricated and sealed ball bearings.

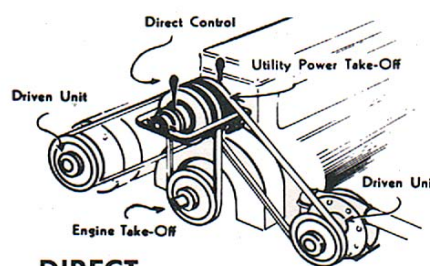
An adjustment is provided at each control in order to compensate for wear on the replaceable cone friction rings.

The PLATH Power take-off has been successfully used for more than 20 years—and is your solution to more pleasure—ore more efficient work for greater profits. You can order one now for immediate deliver.



REMOTE CONTROL

The lever type is for remote control only. Controls may be installed in any location convenient for your operation with cables connecting the Power Take-off levers.



DIRECT CONTROL

The Direct control is very popular for commercial fishing craft and work boats. This type of control is most convenient where it is necessary to operate the clutches at the Power Take-off installation.

Remote Controls for the PLATH Power Take-off may be installed in any location on your boat, for convenience or if the engine room is inaccessible. These controls provide quick response for putting into operation the engine room auxiliary equipment driven through the PLATH Power Take-off.

The Remote Controls are available in polished bronze or chrome plated.

Instructions For Installation

Mount Remote Control levers (No. 1) on any desirable bulkhead or panel.

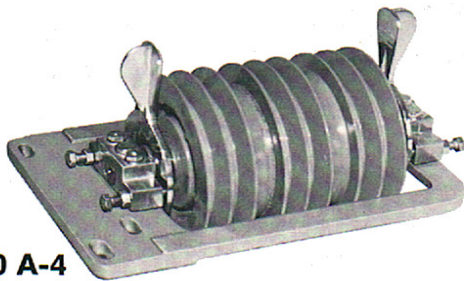
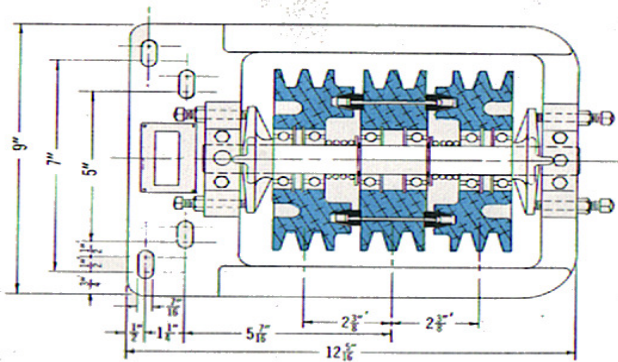
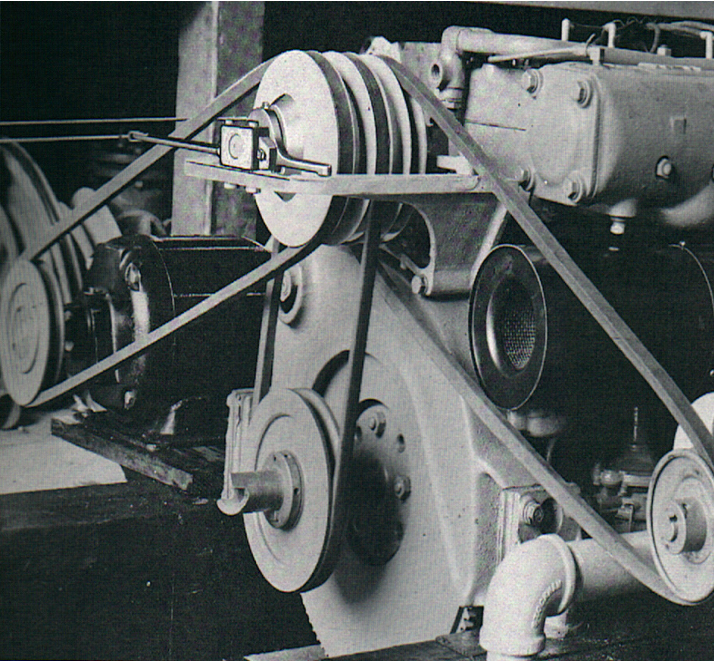
Secure small pulleys or deckblocks (No. 2) where control cable (No. 3) changes direction between the Power Take-off (No. 4) and the Remote Control lever (No. 1).

Insert 3/32" diameter wire rope (control cable) (No. 3) through drilled holes in the end of Power Take-off engaging lever (No. 5) and secure by tightening 1/4" square head set screws (No. 6).

Thread cable pulleys to Remote Controls and insert cable in end of Bellcrank (No. 7).

Set Bellcrank on Remote Control so that when the control lever is actuated, sufficient tension is applied to the control cable to properly engage the Power Take off Clutch without slippage when under load. The Bellcrank should pass center just enough to hold the control in the engaged position.

Model 60 A-4D Normal Duty



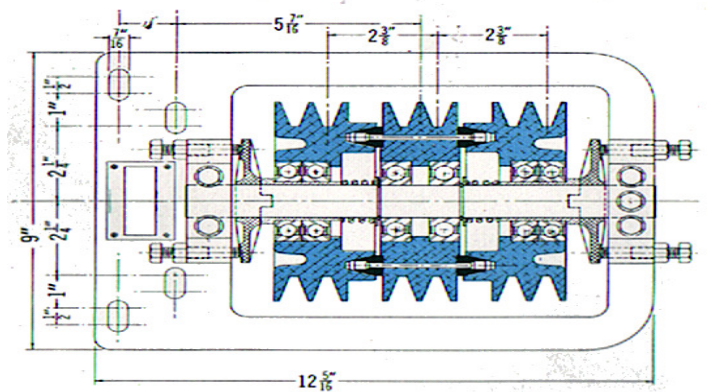
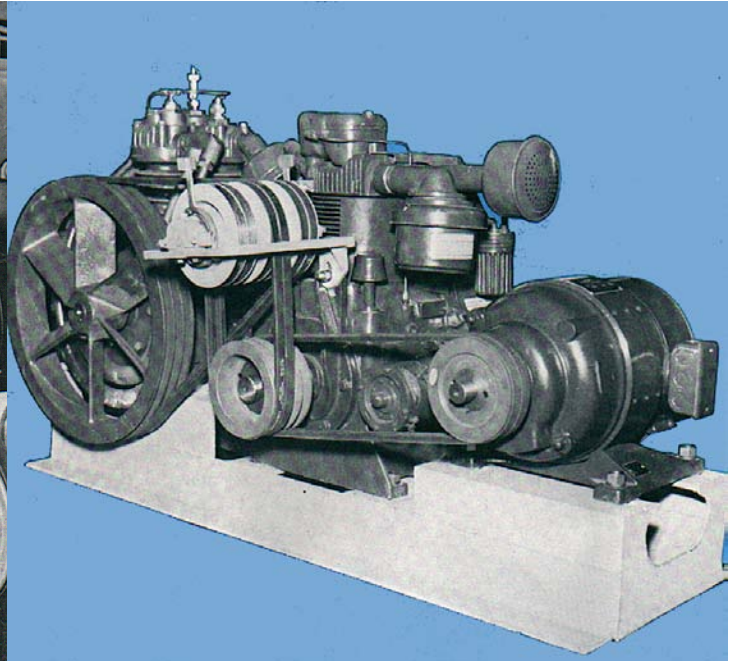
MODEL 60 A-4
Remote or direct control

The Model 60-A, PLATH Power Take-off is the standard unit designed for general service and to operate equipment requiring either a single or double belt drive. This model is also available with either a single or double clutch and for direct or remote control.

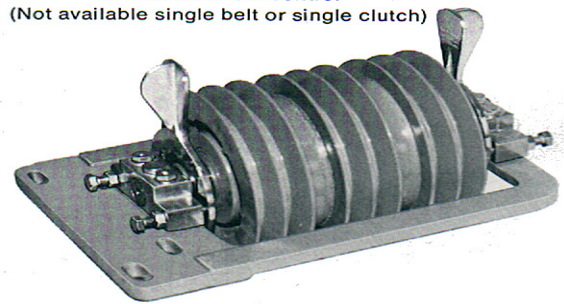
Simple design with few moving parts makes this a good clutch for marine applications.

Sheaves are made of corrosion resistant aluminum alloy. The shaft is stainless steel. Bearings are permanently lubricated and sealed, and other parts not made of bronze or stainless are protected against corrosion.

Model 60 X-4-D Medium Duty



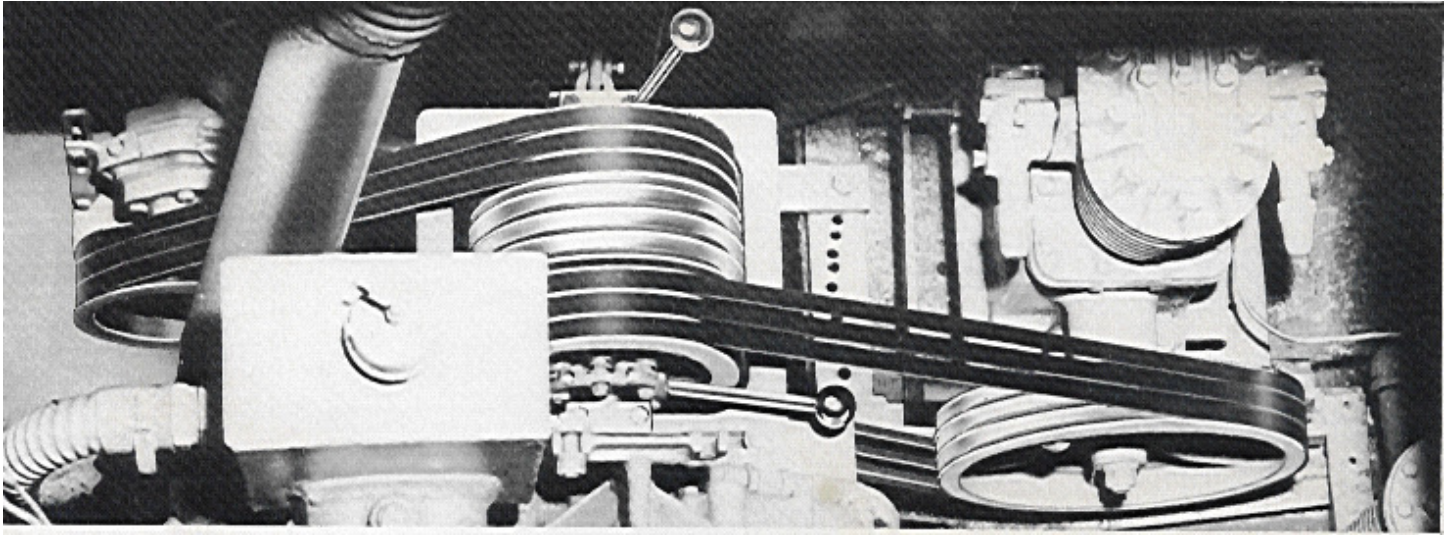
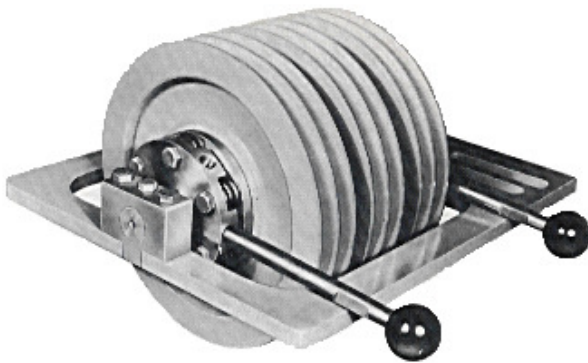
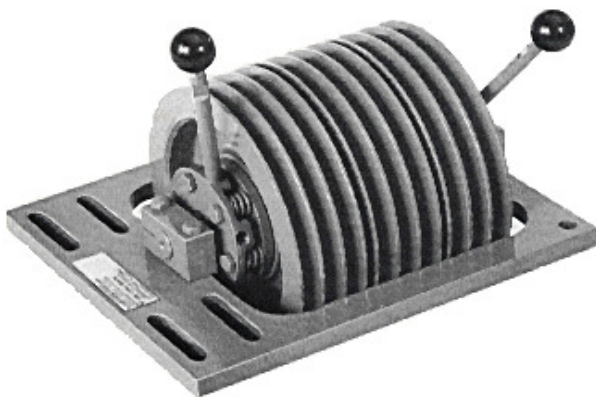
MODEL 60 X-4
Remote or direct control
(Not available single belt or single clutch)



The model 60-X, PLATH Power Take-off is similar to the Model 60-A, except that it has approximately 30% more capacity and is designed to handle heavier jobs.

This unit is built with larger ball bearings, mounted on bronze engaging sleeves and longer control arms are provided on the direct control unit in order to attain greater clutch pressures.

Model 60-X is made for double belt drive and as a double clutch only, but it can be furnished for either direct or remote control.

Model No. 90A Heavy Duty*Model 90A - 3D**Model 90A - 4D*

The Model 90A, PLATH Power Take-off is designed for applications requiring more power or higher torque at slower speeds.

This unit is similar to the other models, except for its size and the engaging mechanism.

A spring loaded pressure plate is built into the engaging control to provide a predetermined clutch pressure for maintaining maximum capacity and at the same time eliminating the possibility of excessive thrust to the bearings.

Sheaves are made of hi-tensile heat treated aluminum alloy, shaft is stainless steel, ball bearings are permanently lubricated and sealed.

Sheave Size

- ◆ 8.6"

Weight

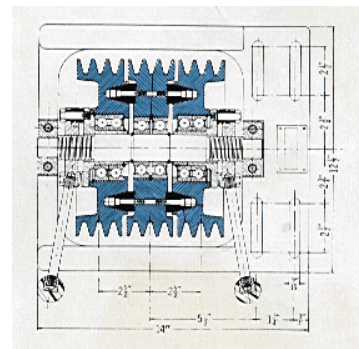
- ◆ 85 lbs.

Pitch Diameter

- ◆ 9" O.D. for "B" Belts

Capacity

- ◆ Double belt drive—1.0 H.P. per 100 R.P.M.
- ◆ Triple belt drive—1.5 H.P. per 100 R.P.M.

Direct Control only

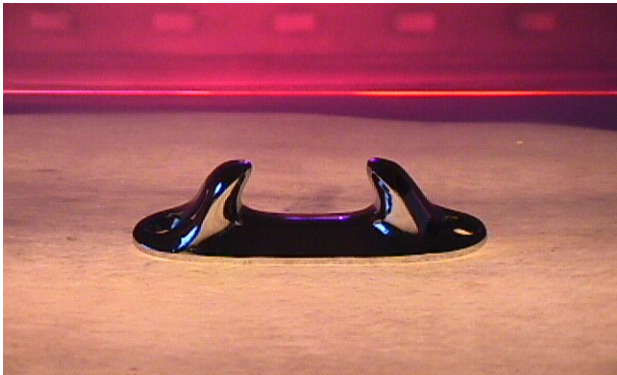
Open Chocks



Rope pass is round and symetrical to length, making one design suitable for both port and starboard as well as for the gunnel. Mooring rope is free to move in a 90 degree arc on eihter or both sides. Matched in appearance to dress up the deck of a runabout when used with companion fittings: bow handles and mooring cleats.

Part Number	Finish	Length	Weight	Screw Holes
3405	chrome plated	4"	7 oz.	2 - No. 8
3406	white paint	4"	3 oz.	2 - No. 8
3505	chrome plated	5"	12 oz.	2 - No. 10
3506	white paint	5"	5 oz.	2 - No. 10

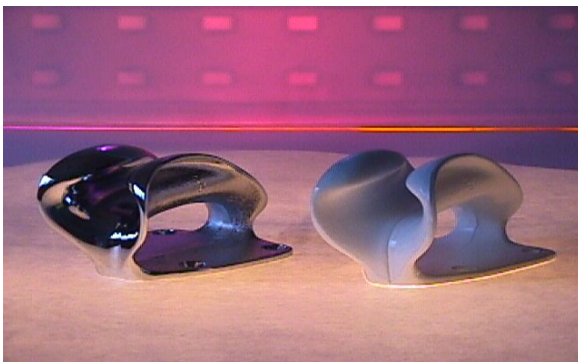
Anchor Chocks



This chock curved over gunnel provides an easy haul on anchor and protects your boat against wear. Rope is easily pulled out when lifting anchor into boat. This chock has 2 - No. 10 screw holes.

Part Number	Finish	Length	Weight
5405	chrome plated	4"	10 oz.
5406	white paint	4"	4 oz.

Bow Chock



These bow chocks double as a bow handle and an anchor rope guide. With our variety of finishes, you not only get the look you want for your boat, but you get time tested durability. Mounting screws are not furnished as it is best to select the proper size and style according to material on which chock is fastened.

Part Number	Finish	Length	Width	Height	Weight
1505B	rough bronze	5"	3 1/2"	3"	1 lb. 10 oz.
1505P	polished bronze	5"	3 1/2"	3"	1 lb. 10 oz.
1505C	chrome plated	5"	3 1/2"	3"	1 lb. 10 oz.
1526W	white paint	5"	3 1/2"	3"	10 oz.
1526A	aluminum	5"	3 1/2"	3"	10 oz.

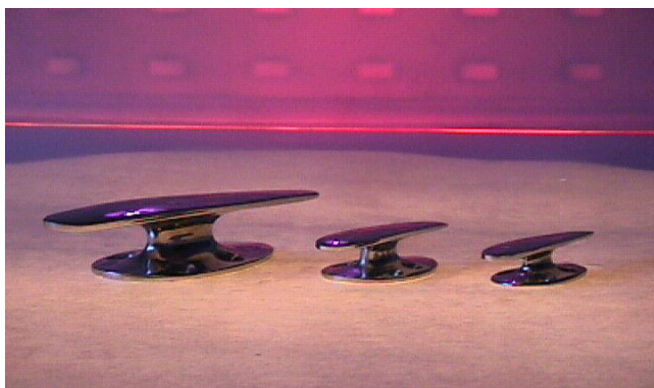
Bow Chock w/Pulley



These bow chocks double as a bow handle and an anchor rope guide. With our variety of finishes, you not only get the look you want for your boat, but you get time tested durability. Mounting screws are not furnished as it is best to select the proper size and style according to material on which chock is fastened.

Part Number	Finish	Length	Width	Height	Weight
1545B	rough bronze	5 1/2"	3 5/8"	3"	1 lb. 14 oz.
1545P	polished bronze	5 1/2"	3 5/8"	3"	1 lb. 14 oz.
1545C	chrome plated	5 1/2"	3 5/8"	3"	1 lb. 14 oz.
1546W	white paint	5 1/2"	3 5/8"	3"	12 oz.
1546A	aluminum	5 1/2"	3 5/8"	3"	12 oz.

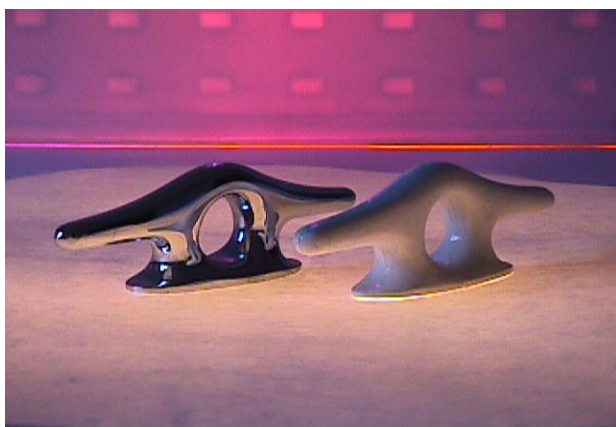
Mooring Cleats



One general design is embodied in six sizes of cleats. Open ends are large for quick fastening of ropes. Mounting screws are not furnished as it is best to select size according to material on which cleat is fastened.

Part Number	Finish	Length	Weight
4305	chrome plated	3"	3 oz.
4306	white paint	3"	2 oz.
4355	chrome plated	3 1/2"	4 oz.
4356	white paint	3 1/2"	2 oz.
4405	chrome plated	4"	6 oz.
4406	white paint	4"	3 oz.
4505	chrome plated	5"	11 oz.
4506	white paint	5"	3 oz.
4605	chrome plated	6"	15 oz.
4606	white paint	6"	7 oz.
4705	chrome plated	7"	1 lb. 4 oz.
4706	white paint	7"	8 oz.

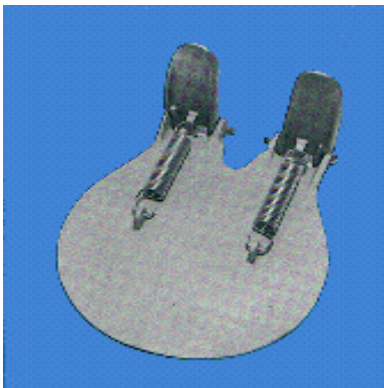
Ski Tow Cleats



Full rounded posts with large base. Used for **towing** water skiers, **anchoring**, **mooring**, and **lifting** boats 18' to 24' in length. This cleat has 2 - 3/8" NC tapped holes.

Part Number	Finish	Length	Weight
9705	chrome plated	7"	1 lb. 10 oz.
9706	white paint	7"	9 oz.

Trolling Brakes



For motors to 18 hp.

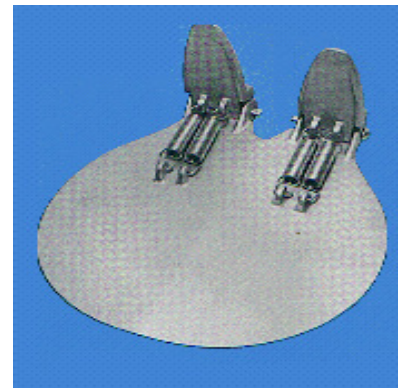
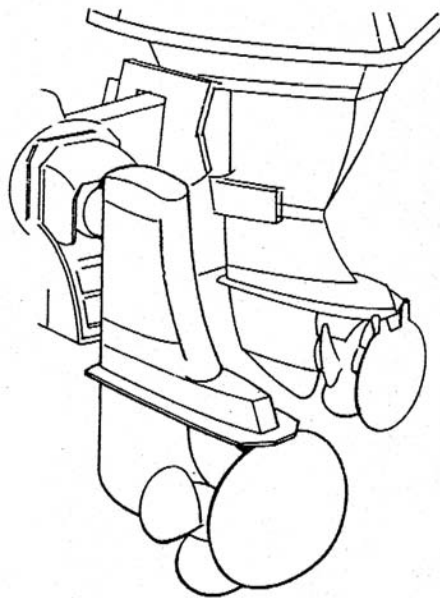
Part Number	Weight
9086	1 lb. 4 ozs.



For late model outboards with adjustable trim tabs and 10 units to 100 hp.

Part Number	Weight
9088	2 lbs. 8 ozs.

Mounts on anti-cavitation plate. Dihedral blade steers true. Lets you troll to a standstill. Reduces top speed approximately 1 mph. All brakes shown are cast aluminum with plated springs.



For motors 25hp. to 100 hp.

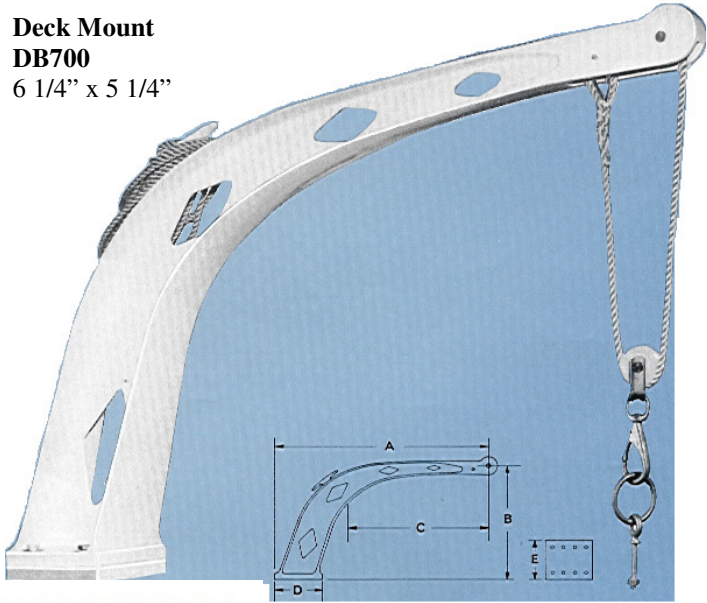
Part Number	Weight
9087	2 lbs. 4 ozs.



For all makes inboard / outboard units through 225 hp.

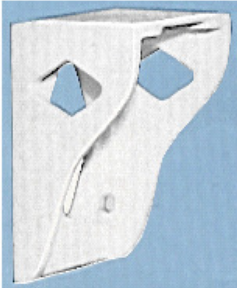
Part Number	Weight
9089	8 lbs.

Deck Mount
DB700
6 1/4" x 5 1/4"



Arched Stern Davits

Modern in appearance, functional in design, davits fit under stern rails. Easily removed from chrome plated cast bronze bases for quick storage. Lightweight, high tensile strength aluminum castings. Finished with white epoxy resin enamel, aluminum anodized before painting. All fittings chrome plated brass or stainless steel. Nylon rollers and line for lasting appearance and strength. Available for all dinghy sizes. Set includes two davits.



Transom Mount
TM 600

	A	B	C	D	E	Recommended Dinghy Beam	Load per pair
100 Series	32	19	24	6	5	48"	250 lbs.
200 Series	34	21	26	6	5	54"	350 lbs.
300 Series	36	24	28	6	5	56"	500 lbs.
400 Series	40	27	30	6	5	60"	600 lbs.

100 SERIES

2 Arches, 2 rollers, 2 stainless steel thimbles **No. RP100** 22 lbs.
Complete line and fittings, no base **No. RP110** 24 lbs.
Complete with detachable base **No. RP120** 35 lbs.

200 SERIES

2 Arches, 2 rollers, 2 stainless steel thimbles **No. RP200** 23 1/2 lbs.
Complete line and fittings, no base **No. RP210** 25 1/2 lbs.
Complete with detachable base **No. RP220** 36 1/2 lbs.

300 SERIES

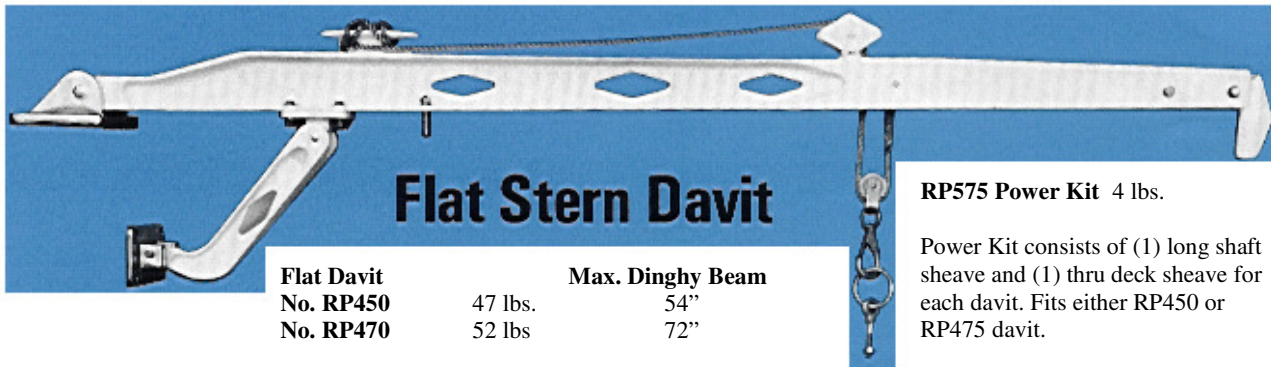
2 Arches, 2 rollers, 2 stainless steel thimbles **No. RP300** 25 1/2 lbs.
Complete line and fittings, no base **No. RP310** 27 1/2 lbs.
Complete with detachable base **No. RP320** 38 1/2 lbs.

400 SERIES

2 Arches, 2 rollers, 2 stainless steel thimbles **No. RP400** 27 lbs.
Complete line and fittings, no base **No. RP410** 29 lbs.
Complete with detachable base **No. RP420** 40 lbs.

ACCESSORY ITEMS

Line and fittings kit (specific series) **LK500** 2 lbs.
Transom mount (fits all models) **TM600** 6 lbs.
Deck detachable base (fits all models) **DB700** 11 lbs.



Flat Stern Davit

RP575 Power Kit 4 lbs.

Power Kit consists of (1) long shaft sheave and (1) thru deck sheave for each davit. Fits either RP450 or RP475 davit.

Flat Davit		Max. Dinghy Beam
No. RP450	47 lbs.	54"
No. RP470	52 lbs	72"

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