

HYDRAULIC SYSTEMS

IF YOU PUSH, PULL, TENSION OR SUPPORT, NAVTEC

HAS AN INNOVATIVE WAY TO HANDLE THE JOB

HEADSTAY LOADCELL

View the changing pressure from a cockpit read out and adjust the backstay for improved windward performance

FLATTENER/OUTHHAUL

Flatten the mainsail fast, from the cockpit

INNER FORESTAY TENSION

BABYSTAY TENSION

Trim tension to induce mast bend, especially when reefed

CONTROL PANEL

Choice of Systems 50 (4 function) System VII, or Custom System

VANG

Push button quick release

HALYARD TENSION

Adjust between strong or light wind conditions

MAIN SHEET TRAVELER

A special dual action cylinder allows you to play the boom athwartships for increased speed to windward

CUNNINGHAM

Fine tune the mainsail luff tension

CHECKSTAYS

Fine trim to change the depth of camber in the mainsail

CENTERBOARD CYLINDER

Adjust height with a hydraulics system

BACKSTAY

Control mast tip tension and upper leech shape

MAST JACK

Tension the rig for sailing, or lower it for unstepping, but with repeatable accuracy

VANG

Trim the boom height for strong or light winds to improve mainsail performance. It pulls and pushes!

GENOA CAR PULLERS

Change the headsail shape by adjustment to the clew sheeting position

TRANSOM DOOR CYLINDERS

SYSTEM 50 HYDRAULIC PANELS

Supplied By;
www.americanriggingsupply.com

The System 50 Panel is the heart of the standard Navtec hydraulic system and has been completely re-designed to suit the changing needs of both racing and cruising yachts from 35' to 70'.

FEATURES INCLUDE:

1. ERGONOMIC DESIGN

The 4-function design is more compact and lighter than ever before, and positions all controls - gauge, function and power - in one line, making the selection quick and easy. Function selection can be 'felt' through the selector, an especially important feature at night.

2. EASY OPERATION

Reliable, controlled flow; needle-type release valve.

3. INCREASED SPEED

Offering faster response. New valves and high pressure piping allow for an increased flow rate, increasing the oil flow speed, and in turn the power response. This is an important factor when large adjustments, such as boom vang or backstay control need to be made.

4. LARGER GAUGE

Now more easily read, the gauge monitors system pressure on the selected function enabling you to accurately repeat settings for best boat speed.

5. AUTO-SHIFT PUMP

A two speed auto-shift pump can be fitted to the system for higher performance. This is the fast, efficient method when power is required quickly, often in a racing environment. From coarse pump (high volume) the auto-shift feature switches to fine pump (high pressure) automatically for quick, seamless operation.

6. POWER INTERFACE

Now easily interfaced with all leading winch powerpacks - Lewmar Commander and Harken Hydro. Hydraulic power is then supplied from the power source which is accurately controlled through the System 50 panel. Further high pressure trimming can be added by hand pumping when required.

7. PROTECTION

Navtec's relief valve provides immediate pressure relief protection for the selected function when the system experiences excessive overloads.

8. SAFETY

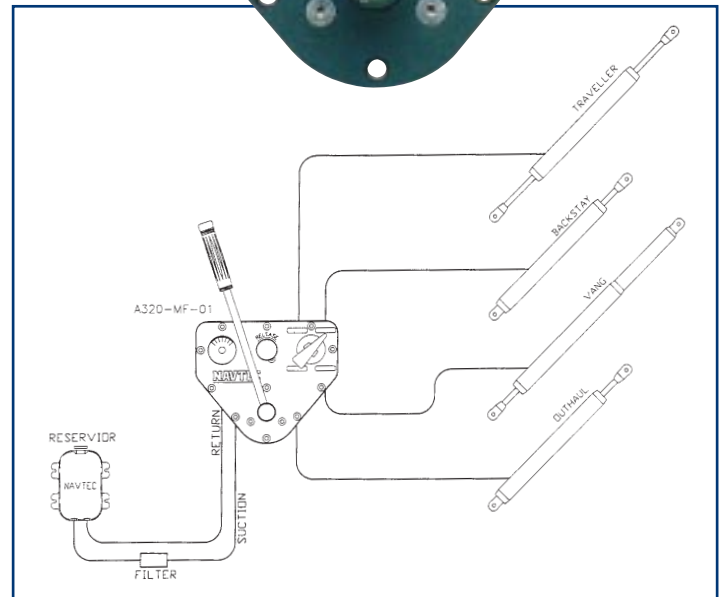
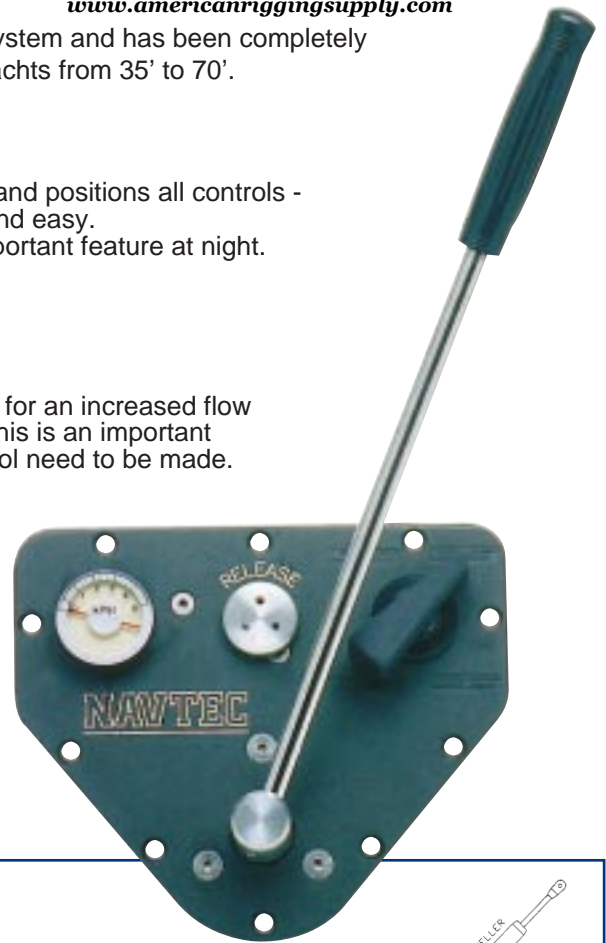
The pump is operated from the safety of the cockpit.

9. FINISH

Panel faces are available in black anodised finish, or stainless steel (custom order).

10. RESERVOIR

System includes standard 2 quart reservoir. (4 quart reservoir available for additional capacity.)



SYSTEM 50 - MAXIMUM 4 FUNCTIONS

DESCRIPTION	PART #	MAXIMUM DIMENSIONS		DEPTH	
		(in)	(mm)	(in)	(mm)
Single Function	A320-SF-01	10 x 8.5	254 x 216	4.25	108
Multi-Function ²	A320-MF-01	10 x 8.5	254 x 216	4.50	115
Single Function with 2 Speed Auto-Shift Pump ³	A320-SF-02	10 x 8.5	254 x 216	6.00	153
Multi-Function with 2 Speed Auto-Shift Pump	A320-MF-02	10 x 8.5	254 x 216	6.00	153
Single-Function with 4-Way Valve ⁴	A320-SF4-01	10 x 8.5	254 x 216	4.50	115
Single to Multi Conversion Kit	A320-SMC-01			4.50	115

1. System includes pump, valves, reservoir, filter, hose and handle.
2. Can be used as a 1, 2, 3 or 4 function panel.
3. Two-speed Auto-Shift pump has 300% greater low pressure flow rate of oil.
4. The 4-Way valve is to control push-pull cylinders.

- Stainless steel face plates can be ordered by adding an 'S' to the end of the part number *i.e.* A320-MF-01S

