

# DURA - LIFT



THE **SIMPLICITY** AND **RELIABILITY** OF THE LONG STROKE **DURA-LIFT** DERIVES MECHANICALLY FROM CONNECTING THE PEDESTAL AND CYLINDER DIRECTLY TO THE FLOW LINE TEE WITH TUBING COUPLING OR BOLTED FLANGE TO BOP; ELIMINATING THE POLISHED ROD. AND REDUCING OVERALL HEIGHT.

A STANDARD LOW-PROFILE STUFFING BOX WITH SINGLE OR DOUBLE PACKING ARE PROVIDED AS STANDARD EQUIPMENT AND CAN BE SELECTED BASED ON OPERATOR REQUIREMENTS.

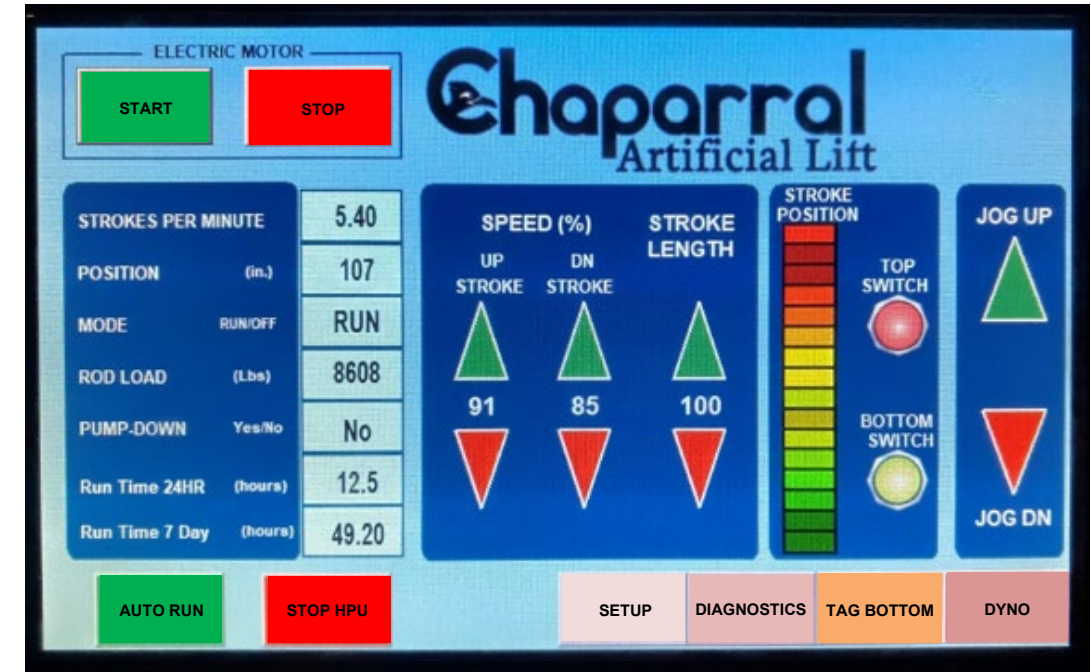
## BENEFITS

- LOW PROFILE PEDESTAL MOUNTED CYLINDER, SMALL FOOT PRINT POWER UNIT
- UP TO 50,000 LB. ROD LOAD & 336 INCH STROKE LENGTH
- UNIQUE POSITIONING SYSTEM: SAFE AND RELIABLE, NO OUTSIDE MOVING PARTS
- ELECTRIC MOTOR, LP OR NATURAL GAS ENGINE HYDRAULIC POWER UNITS
- EASY AND ECONOMICAL TO TRANSPORT, INSTALL AND MAINTAIN



DL-25-198-GE

## DURA-LIFT INTELLIGENT CONTROLLER



THE USER FRIENDLY 7" COLOR TOUCH SCREEN HMI/PLC WITH ROBUST PROCESSING POWER ALLOWS INDEPENDENT ADJUSTMENT OF PARAMETERS WHILE UNIT IS RUNNING.

INCLUDED ARE:

- UP-STROKE SPEED, DOWN-STROKE SPEED, STROKE LENGTH, DECELERATION / ACCELERATION, BOTTOM OFFSET.
- ON-SCREEN REAL-TIME DYNAMOMETER CARDS ARE DISPLAYED ALLOWING EASY SETUP OF VARIABLE SPEED PUMP-DOWN CONTROLS.
- DURA-LIFT'S STANDARD HMI CONTROL PANEL IS PROGRAMMED TO INCLUDE ENCRYPTED TAGS THAT CAN BE SEND VIA A TPC/IP CONNECTION TO A COMPUTER IN A CENTRAL OFFICE WITH CHAPARRAL'S REMOTE MONITORING SOFTWARE.



## DUAL WELL SYSTEM

FOR PUMPING TWO WELLS IN PAIRS (150 Ft.).

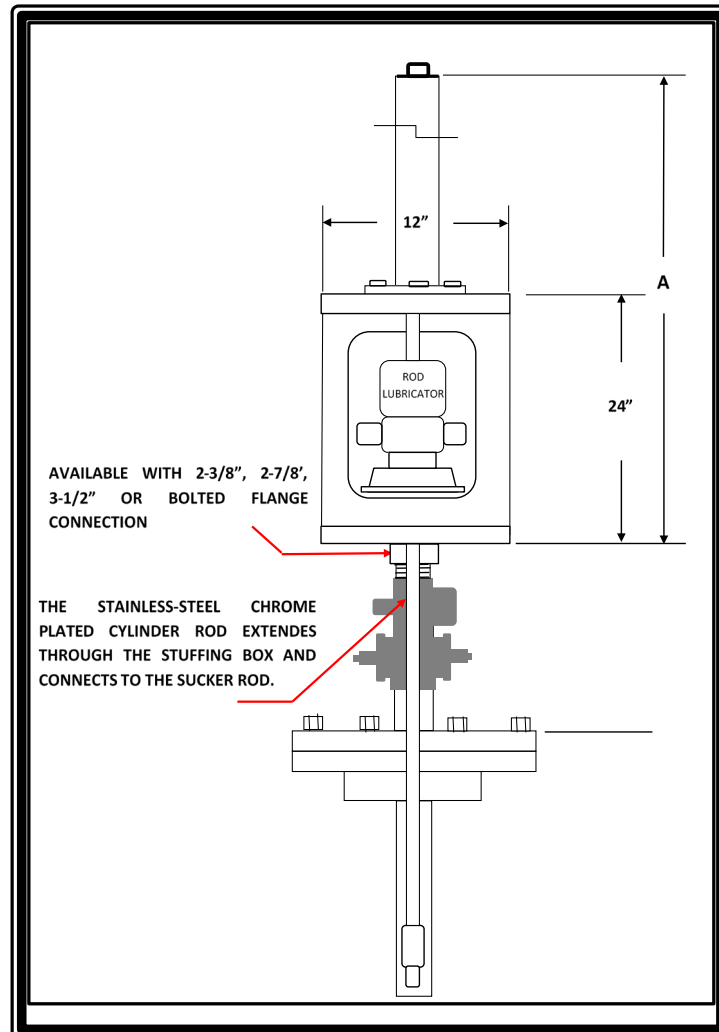
A CLOSED LOOP HYDRAULIC SYSTEM SYNCHRONIZES TWO WELLS THE DOWN-STROKE POLISHED ROD ENERGY FROM THE DOWN-STROKE OF ONE WELL PROVIDES ENERGY AT A CONSTANT RATE TO ASSIST THE OTHER WELL DURING ITS UP-STROKE

IF ONE OF THE WELLS IS SHUT-DOWN FOR WORK-OVER, A STAND-BY ACCUMULATOR CAN BE ACTIVATED TO PROVIDE POWER ASSIST AND COUNTER-BALANCE

SINGLE PRIME MOVER, PUMP, MICROPROCESSOR AND DISPLAY.

## Pumping Unit Selection

MODEL NO.	MAX STROKE INCHES (M)	OVERALL HEIGHT MAX LOAD	
		A (Ft.) Stroke Length + 4'	LBS/(Kg)
ECON DL 10 AVAILABLE IN 96" (2.44) STROKE LENGTH	72" (1.83)	10'	10,000 (4,539)
DL 15 AVAILABLE IN 96" (2.44) AND 144 (3.66) STROKE LENGTHS	168" (4.27)	18'	15,000 (6,803)
DL 25 AVAILABLE IN 144 (3.66), 168" (4.27) AND 192" (4.88) STROKE LENGTHS	240" (6.10)	20'	25,000 (11,339)
DL 30 AVAILABLE IN 168" (4.27) AND 192" (4.88) STROKE LENGTHS	240" (6.10)	24'	30,000 (13,607)
DL 40 AVAILABLE IN 192" (4.88), 240 (6.1) and 288" (7.32) STROKE LENGTHS	336" (8.53)	32'	40,000 (18,143)
DL 50 AVAILABLE IN 192" (4.88), 240 (6.1) and 288" (7.32) STROKE LENGTHS	336" (8.53)	32'	50,000 (22,679)



**Chaparral**  
Artificial Lift

An Oilfield Technology Company

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WHMC Brochure 21.06.22

# Chaparral

## Artificial Lift

**DURA - LIFT**



**A Long Stroke Well Head Mounted Unit**