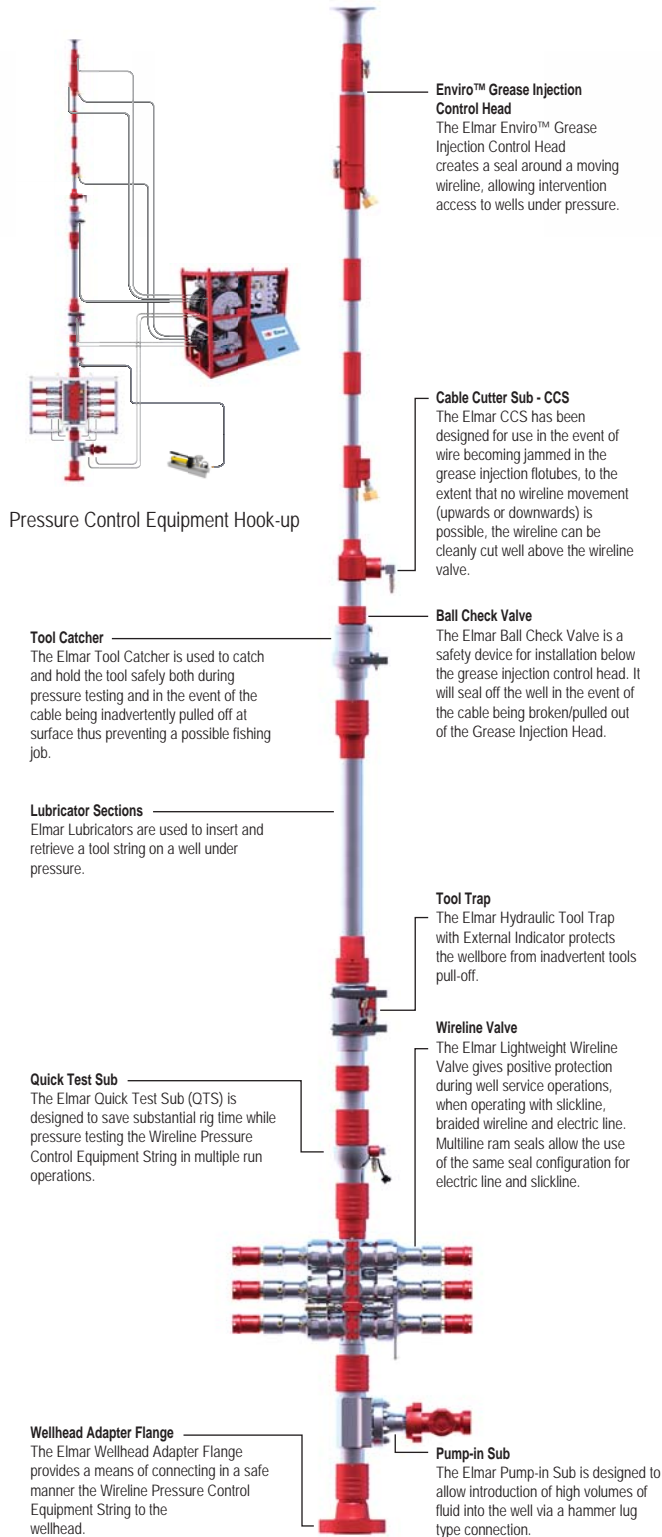


# Electric Line Pressure Control Equipment String



Elmar designs and manufactures pressure control equipment and accessories for slickline and braided cable operations. NOV Elmar Pressure Control Equipment Strings are fully traceable and certified by independent authorities.



## TYPICAL PRESSURE CONTROL EQUIPMENT STRING RIG-UP

Item	Description
1	*Enviro™ Stuffing Box, Line Wiper and Grease Head with (6) concentric flow tubes
1.1	Extra Injection Coupling and flotube for dual injection
1.2	Protector Sleeve for cable head
2	Flow Control Manifold *
2.1	Hydraulic Line Wiper with cable guide 7/32" / .230"
2.2	Grease Injection Control Head with (4) concentric flow tubes .230" wire
2.3	Low Pressure Waste Grease Hose x 120ft (from line wiper) 3.5K psi WP
3	Grease Hose 1/2" x 120ft long with hex unions *
4	Combination Hydraulic Tool Catcher/Ball Check Valve 1 3/16" fish neck
4.1	Combination Hydraulic Tool Catcher/Ball Check Valve 1 3/16" fish neck c/w 1.2" NPT port
5	Integral Grease Head Cable Cutter Sub for cutting cable up 15/32"
5.1	Hand Pump Assembly for Cable Cutter Sub
5.2	Hose Assembly 1/4" x 100ft long with quick connections 10,000 psi WP
6	Hydraulic Stuffing Box with 16" dia wheel .108" wire
7	Lightweight Lubricator Section with threaded quick unions, 4ft long
8	Lightweight Lubricator Section with threaded quick unions, 5ft long
9	Lightweight Lubricator Section with threaded quick unions, 6ft long
10	Lightweight Lubricator Section with threaded quick unions, 8ft long
11	Lightweight Lubricator Section with threaded quick unions, 10ft long
12	3" Lubricator Section with integral quick unions (various lengths available on request)
13	Lubricator Lifting Clamp, Spreader and wire rope slings (sling length to be specified)
13.1	Lubricator Dolly with 4 3/4" -4x2thd quick union
14	Hydraulic Tool Trap with external indicator
15	Quick Test Sub
15.1	Hand Pump Assembly for Quick Test Sub
15.2	Hose Assembly 1/4" x 25ft long with quick connections 10,000 psi WP
16	Triple Hydraulic Compact BOP with manifold block
17	Galvanised Triple BOP Cage
18	Dual Hydraulic Compact BOP with manifold block
19	Galvanised Dual BOP Cage
20	Single Hydraulic Compact BOP with manifold block
21	Galvanised Single BOP Cage
22	Lightweight BOP with manifold block; available in Single, Dual and Triple configurations
23	Stainless Steel Crash Frame for "Lightweight" BOP configurations
24	0-10,000 PSI BOP Manifold Gauge
25	Pump-In Sub with (1) 2"-1502 side outlet
25.1	Plug Valve 2"-1502 Weco male x female
26	Wellhead Adapter Flange 3 1/16" 10,000LB 6BX BX-154
27	5 Series 3-BOP Grease and Hydraulic Control Module with (2) 175:1 pumps (see versions)
28	5 Series Mainframe
29	Grease Transfer Pump 4:1 ratio
30	Hydraulic Actuator LW/SB/TC/3-BOP *
31	Lifting Ball
32	Test Cap
33	Test Plug and Collar
34	Safety Flow Diverter Valve and wire clamp
35	Male Thread Protector (spare)
36	Female Thread Protector (spare)
37	Line Wiper, Stuffing Box or Tool Catcher Hand Pump *
38	Hydraulic Hose 1/4" x 100ft long with quick couplings *
39	Tool Trap or BOP Hand Pump *
40	Hydraulic Hose 1/4" x 50ft long with quick couplings *
41	*Y" Hose, BOP Open *
42	*Y" Hose, BOP Close *
43	Low Pressure Waste Grease Hose x 60ft long (from BOP) 3.500 psi WP
44	Low Pressure Waste Grease Hose x 60ft long (from module) 3.500 psi WP

Note: For corresponding diagram see next page. Additional equipment available on request.

# Typical Electric Line Pressure Control Equipment String Rig-up

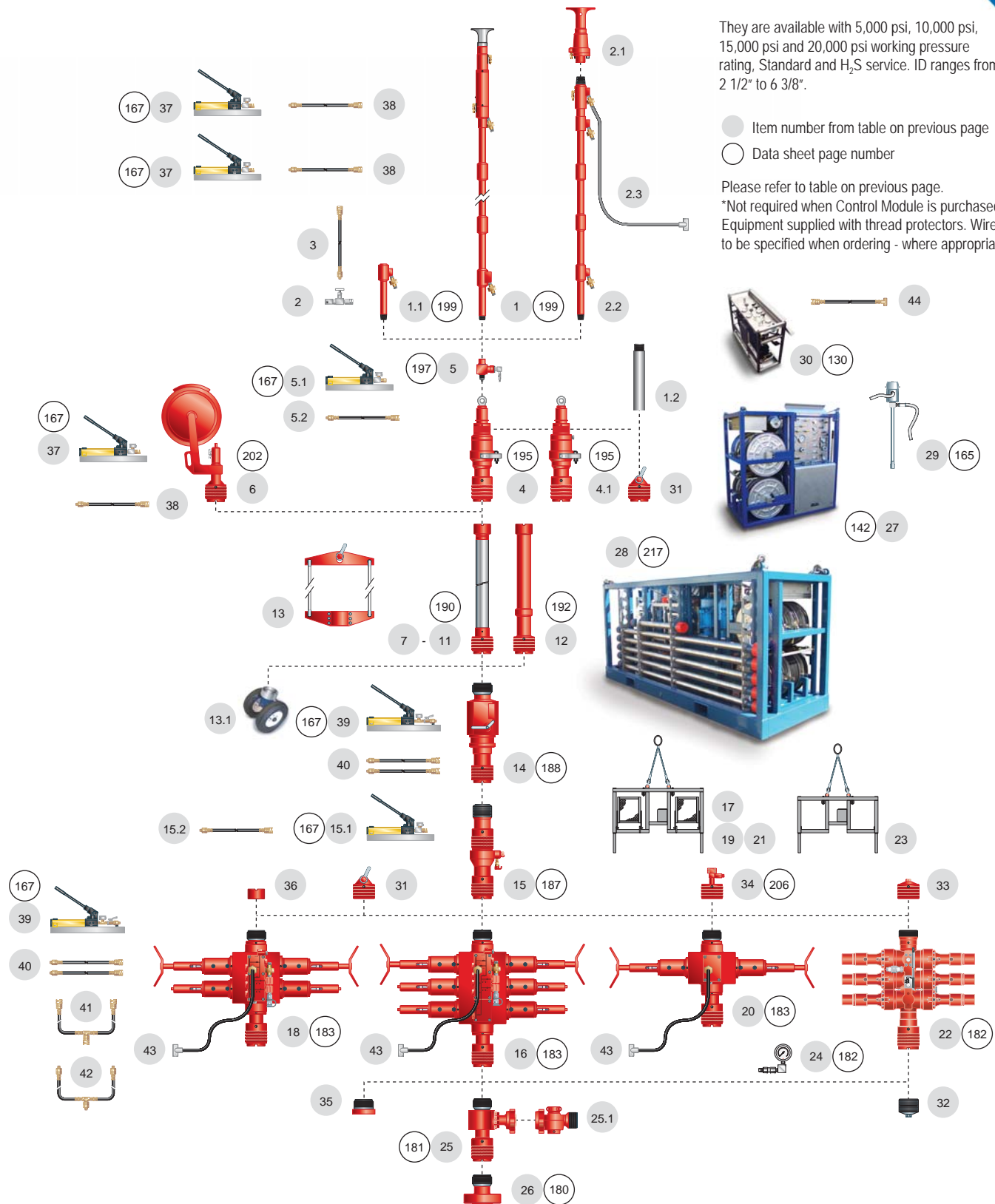


The Elmar Pressure Control Equipment String is designed for complete control of the well pressure during electric/stranded line operations on a "live" well.

They are available with 5,000 psi, 10,000 psi, 15,000 psi and 20,000 psi working pressure rating, Standard and H<sub>2</sub>S service. ID ranges from 2 1/2" to 6 3/8".

- Item number from table on previous page
- Data sheet page number

Please refer to table on previous page.  
 \*Not required when Control Module is purchased.  
 Equipment supplied with thread protectors. Wire size to be specified when ordering - where appropriate.



Elmar Product Line

