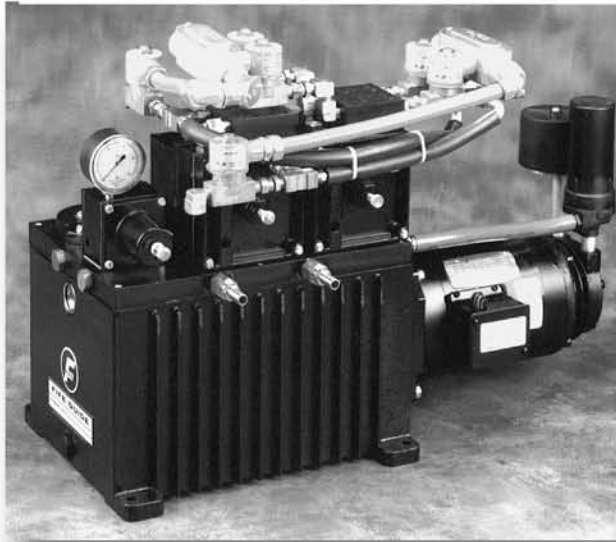




A Maxcess
International
Company

Pneumohydraulic Power Units



Ø 44 (1.73) DIA THREE
FOUR MOUNTING HOLES

KEY FEATURES

F

ife Pneumohydraulic Power Units are specifically designed for web guiding, providing superior response and control with fully proportional corrective action. Power units are equipped with our exclusive four-way, spool-type servo valve to deliver unmatched sensitivity and stability in guiding applications for all types of materials, at any speed, under any load.

Completely self-contained, these Pneumohydraulic Power Units have a built-in regulated air system with a pump, filters, and regulator, as well as their own hydraulic reservoir, pump, filter and relief valve. External air is not required.

Pneumohydraulic power units can be supplied with one, two or three servo valves on a single power unit. One power unit simultaneously, yet independently, can handle up to three separate guiding operations. For more than three guiding operations, a combination of power units may be used.

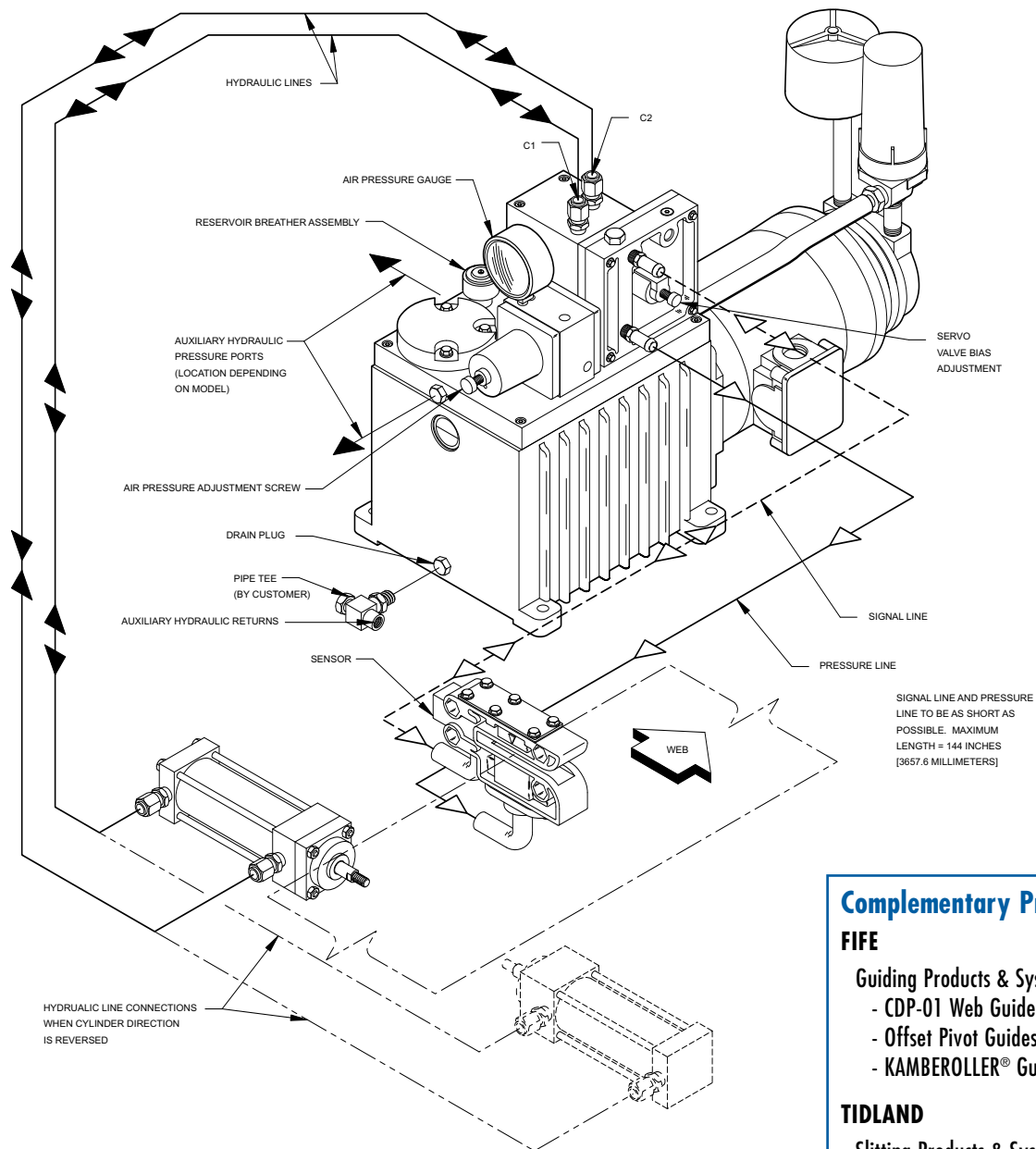
Key Features:

- Provides superior response and control for any web guiding application.
- Exclusive spool-type servo valve for unexcelled sensitivity and stability.
- For use with Fife anti-clogging air sensors.
- Adjustable air pressure system provides for sensitivity adjustment and is matched to the controller, sensor, and guide structure.
- Compact, modular construction minimizes exterior tubing and provides maximum ease of servicing.
- Totally enclosed, or explosion proof motors are both available.
- Additional hydraulic ports are supplied on all units for use with optional Fife equipment.

OPTIONS:

- All Fife power units are available with Servo-Center, Manual-Automatic, and many other circuit system options.
- Floor or wall mounting brackets are available as requested.
- Heavy-duty and/or remote location air filters can be supplied.

TYPICAL SINGLE POWER UNIT INSTALLATION



Complementary Products:

FIFE

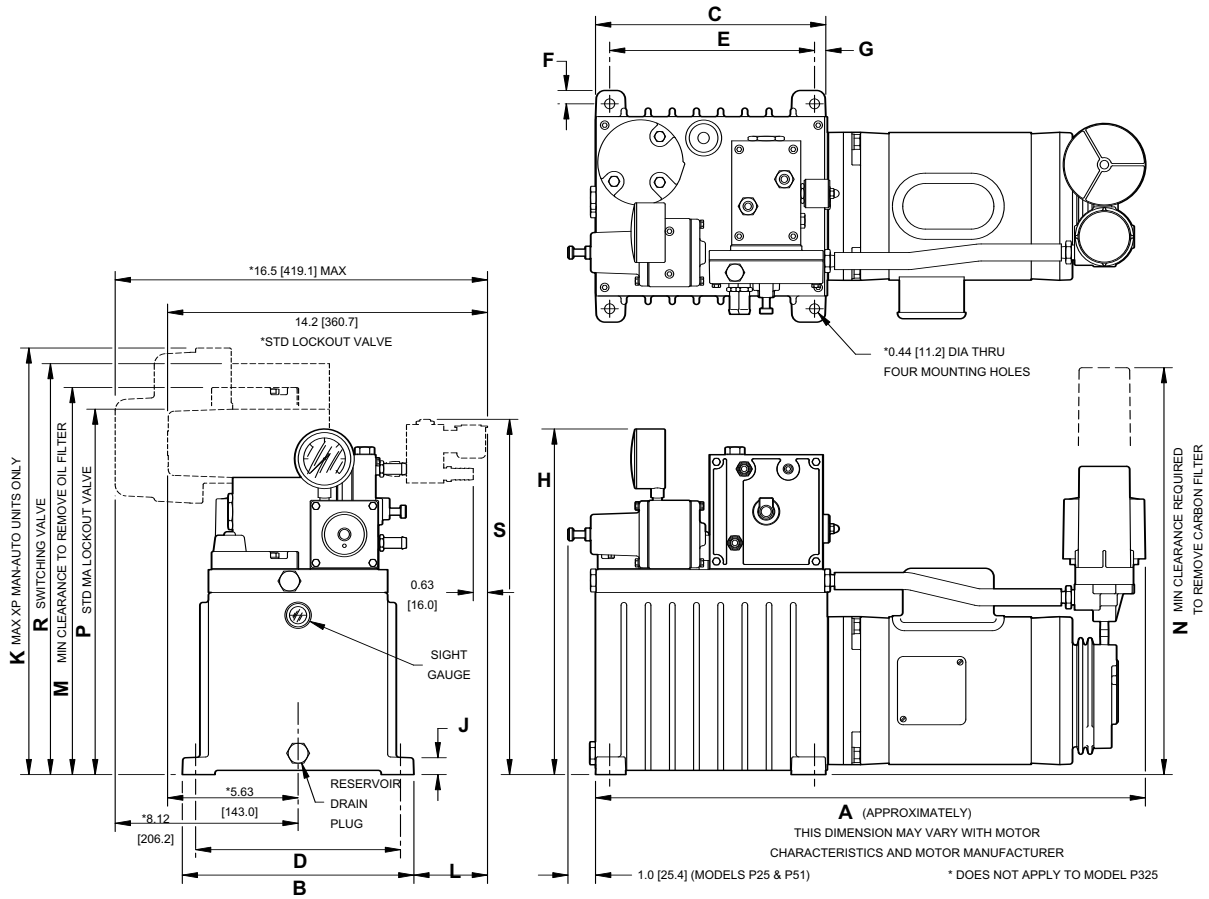
- Guiding Products & Systems
- CDP-01 Web Guide Controller
 - Offset Pivot Guides
 - KAMBEROLLER® Guides

TIDLAND

- Slitting Products & Systems
- Winding Products

MAGPOWR

- Tension Control Products
- Torque Control Products



MODEL AND # OF SERVO VALVES	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	APPROX. GROSS WEIGHT LBS (KG)
P25-1	26 (660)	10 (254)	10 (254)	9 (229)	9 (229)	0.5 (13)	0.5 (13)	15.25 (387)	0.5 (13)	21.38 (543)	4.75 (121)	17 (432)	18 (457)	16.25 (413)	18.25 (464)	16.38 (416)	100 (45)
P51-1	27 (686)	10 (254)	10 (254)	9 (229)	9 (229)	0.5 (13)	0.5 (13)	15.25 (387)	0.5 (13)	21.38 (543)	4.75 (121)	17 (432)	18 (457)	16.25 (413)	18.25 (464)	16.38 (416)	100 (45)
P51S-1	27 (686)	10 (254)	10 (254)	9 (229)	9 (229)	0.5 (13)	0.5 (13)	15.25 (387)	0.5 (13)	21.38 (543)	N/A	17 (432)	18 (457)	16.25 (413)	18.25 (464)	16.38 (416)	110 (50)
P50-1	32 (813)	12.5 (318)	14.75 (375)	11.25 (286)	13.69 (348)	0.63 (16)	0.53 (14)	16.5 (419)	0.75 (19)	22.38 (568)	3.25 (83)	18 (457)	19 (483)	17.25 (438)	19.25 (489)	18 (457)	160 (73)
P50-2	32 (813)	12.5 (318)	14.75 (375)	11.25 (286)	13.69 (348)	0.63 (16)	0.53 (14)	16.5 (419)	0.75 (19)	22.38 (568)	3.25 (83)	18 (457)	19 (483)	17.25 (438)	19.25 (489)	17.38 (441)	170 (77)
P50-3	36 (914)	12.5 (318)	20.25 (514)	11.25 (286)	19 (483)	0.63 (16)	0.63 (16)	16.5 (419)	0.75 (19)	22.38 (568)	3.25 (83)	18 (457)	19 (483)	17.25 (438)	19.25 (489)	17.38 (441)	180 (82)
P50S-1	32 (813)	12.5 (318)	14.75 (375)	11.25 (286)	13.69 (348)	0.63 (16)	0.53 (14)	16.5 (419)	0.75 (19)	22.38 (568)	N/A	18 (457)	19 (483)	17.25 (438)	19.25 (489)	19 (483)	170 (77)
P101-1	40 (1016)	12.5 (318)	20.25 (514)	11.25 (286)	19 (483)	0.63 (16)	0.63 (16)	16.5 (419)	0.75 (19)	22.38 (568)	3.25 (83)	18 (457)	19 (483)	17.25 (438)	19.25 (489)	17.38 (441)	200 (91)
P101-2	40 (1016)	12.5 (318)	20.25 (514)	11.25 (286)	19 (483)	0.63 (16)	0.63 (16)	16.5 (419)	0.75 (19)	22.38 (568)	3.25 (83)	18 (457)	19 (483)	17.25 (438)	19.25 (489)	17.38 (441)	210 (95)
P101S-1	40 (1016)	12.5 (318)	20.25 (514)	11.25 (286)	19 (483)	0.63 (16)	0.63 (16)	16.5 (419)	0.75 (19)	22.38 (568)	N/A	18 (457)	19 (483)	17.25 (438)	19.25 (489)	19 (483)	210 (95)
P325-1	39 (991)	19 (438)	22.43 (570)	17.5 (445)	21.12 (536)	0.75 (19)	0.66 (17)	N/A	0.88 (22)	26.88 (683)	1.25 (32)	26.12 (663)	33 (838)	N/A	N/A	N/A	400 (181)

Pneumohydraulic Power Units Specifications

MODEL AND # OF SERVO VALVES	AIR PUMP	AIR PUMP CAPACITY	MOTOR RATING	RESERVOIR CAPACITY	HYDRAULIC PUMP	OPERATING PRESSURE	PRESSURE AT CYLINDER	CYLINDER THRUST AND SPEED RELATIONS				
								2 IN/SEC (51 MM/SEC)	1.5 IN/SEC (38 MM/SEC)	1 IN/SEC (25 MM/SEC)	0.6 IN/SEC (15 MM/SEC)	
P25-1	22	2 (0.057)	1/4 (0.19)	7 (6.6)	0.8 (3.0)	150 (10.3)	100 (6.9)	N/A	1.5 IN BORE (38 MM BORE) 145 LBS (645 N)	2 IN BORE (51 MM BORE) 285 LBS (1268 N)	2.5 IN BORE (64 MM BORE) 460 LBS (2046 N)	
P51-1	24	4 (0.113)	1/2 (0.37)	7 (6.6)	0.8 (3.0)	150 (10.3)	100 (6.9)	N/A	1.5 IN BORE (38 MM BORE) 145 LBS (645 N)	2 IN BORE (51 MM BORE) 285 LBS (1268 N)	2.5 IN BORE (64 MM BORE) 460 LBS (2046 N)	
P51S-1	26	6 (0.170)	1/2 (0.37)	7 (6.6)	0.8 (3.0)	150 (10.3)	100 (6.9)	N/A	1.5 IN BORE (38 MM BORE) 145 LBS (645 N)	2 IN BORE (51 MM BORE) 285 LBS (1268 N)	2.5 IN BORE (64 MM BORE) 460 LBS (2046 N)	
P50-1	22	2 (0.057)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	250 (17.2)	165 (11.4)	2 IN BORE (51 MM BORE) 470 LBS (2091 N)	N/A	2.5 IN BORE (64 MM BORE) 760 LBS (3381 N)	3.25 IN BORE (83 MM BORE) 1240 LBS (5516 N)	
P50-1	24	4 (0.113)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	250 (17.2)	115 (7.9)	2 IN BORE (51 MM BORE) 325 LBS (1446 N)	N/A	2.5 IN BORE (64 MM BORE) 530 LBS (2358 N)	3.25 IN BORE (83 MM BORE) 865 LBS (3848 N)	
P50-2	24	4 (0.113)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	175 (12.1)	115 (7.9)	N/A	1.5 IN BORE (38 MM BORE) 170 LBS (756 N)	2 IN BORE (51 MM BORE) 325 LBS (1446 N)	2.5 IN BORE (64 MM BORE) 530 LBS (2358 N)	
P50-2	26	6 (0.170)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	125 (8.6)	85 (5.9)	N/A	1.5 IN BORE (38 MM BORE) 125 LBS (556 N)	2 IN BORE (51 MM BORE) 240 LBS (1068 N)	2.5 IN BORE (64 MM BORE) 390 LBS (1735 N)	
P50-3	26	6 (0.170)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	125 (8.6)	85 (5.9)	N/A	1.5 IN BORE (38 MM BORE) 125 LBS (556 N)	2 IN BORE (51 MM BORE) 240 LBS (1068 N)	2.5 IN BORE (64 MM BORE) 390 LBS (1735 N)	
P50S-1	26	6 (0.170)	1/2 (0.37)	14 (13.3)	1.6 (6.0)	125 (8.6)	85 (5.9)	2 IN BORE (51 MM BORE) 240 LBS (1068 N)	N/A	2.5 IN BORE (64 MM BORE) 390 LBS (1735 N)	3.25 IN BORE (83 MM BORE) 640 LBS (2847 N)	
P101-1	22	2 (0.057)	1 (0.75)	20 (18.9)	2.3 (8.7)	450 (31.0)	300 (20.7)	2.5 IN BORE (64 MM BORE) 1380 LBS (6139 N)	N/A	3.25 IN BORE (83 MM BORE) 2255 LBS (10031 N)	4 IN BORE (102 MM BORE) 3535 LBS (15725 N)	
P101-1	24	4 (0.113)	1 (0.75)	20 (18.9)	2.3 (8.7)	400 (27.6)	265 (18.3)	2.5 IN BORE (64 MM BORE) 1220 LBS (5427 N)	N/A	3.25 IN BORE (83 MM BORE) 1990 LBS (8852 N)	4 IN BORE (102 MM BORE) 3120 LBS (13879 N)	
P101-2	24	4 (0.113)	1 (0.75)	20 (18.9)	2.3 (8.7)	400 (27.6)	265 (18.3)	N/A	2 IN BORE (51 MM BORE) 750 LBS (3336 N)	2.5 IN BORE (64 MM BORE) 1220 LBS (5427 N)	3.25 IN BORE (83 MM BORE) 1990 LBS (8852 N)	
P101-2	26	6 (0.170)	1 (0.75)	20 (18.9)	2.3 (8.7)	350 (24.1)	235 (16.2)	N/A	2 IN BORE (51 MM BORE) 665 LBS (2958 N)	2.5 IN BORE (64 MM BORE) 1080 LBS (4804 N)	3.25 IN BORE (83 MM BORE) 1765 LBS (7851 N)	
P1-1S-1	26	6 (0.170)	1 (0.75)	20 (18.9)	2.3 (8.7)	350 (24.1)	235 (16.2)	2.5 IN BORE (64 MM BORE) 1080 LBS (4804 N)	N/A	3.25 IN BORE (83 MM BORE) 1765 LBS (7851 N)	4 IN BORE (102 MM BORE) 2770 LBS (12322 N)	
P325-1	22	2 (0.057)	3 (2.24)	60 (56.8)	3.3 (12.5)	1250 (86.2)	835 (57.6)	N/A	3.25 IN BORE (83 MM BORE) 5685 LBS (25288 N)	4 IN BORE (102 MM BORE) 8485 LBS (37743 N)	5 IN BORE (127 MM BORE) 13770 LBS (61252 N)	
P325-1	24	4 (0.113)	3 (2.24)	60 (56.8)	3.3 (12.5)	1250 (86.2)	835 (57.6)	N/A	3.25 IN BORE (83 MM BORE) 5685 LBS (25288 N)	4 IN BORE (102 MM BORE) 8485 LBS (37743 N)	5 IN BORE (127 MM BORE) 13770 LBS (61252 N)	



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