

Activator wand and booster

Shown: RA-1061, B81



Swing cylinders
Work supports

Linear cylinders

Power Sources

B and RA series

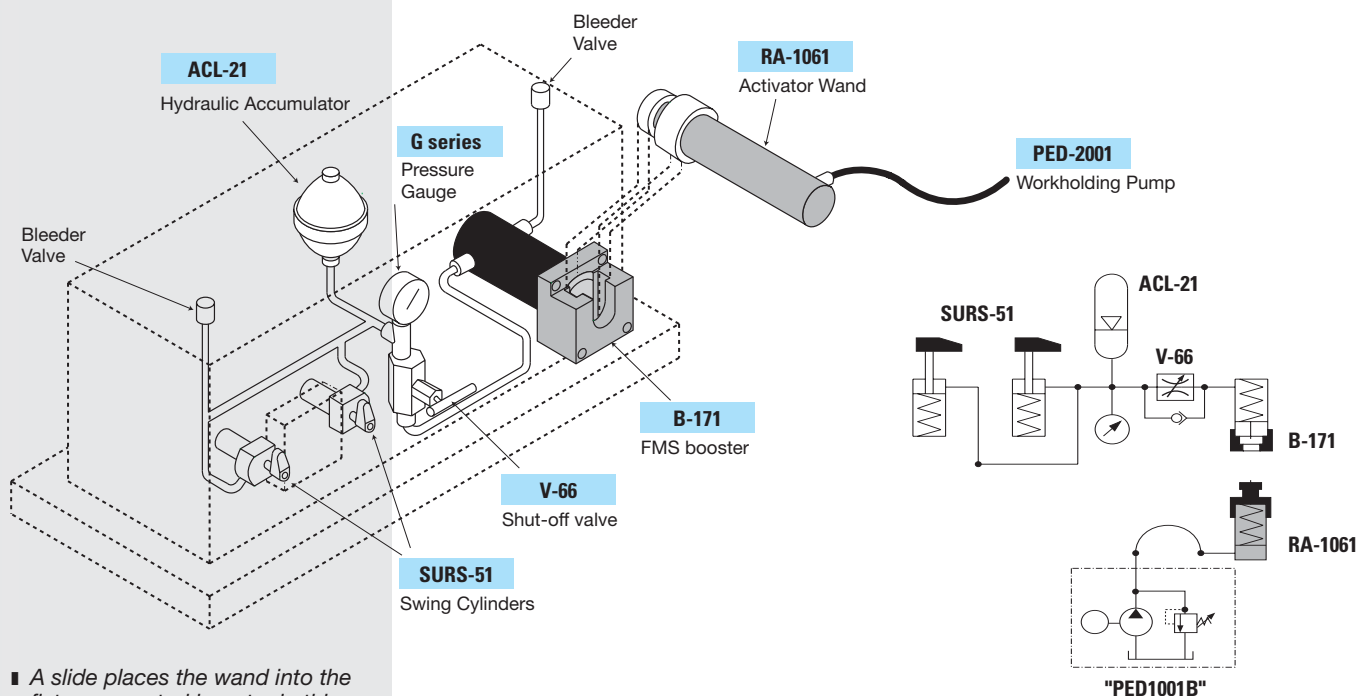
Mechanical energy transfer system uses external cylinder to operate receiver booster.

Contamination resistant closed hydraulic system

- No-leak palletized system, eliminates oil loss at connection point
- Closed design prevents machining chips and coolant from entering the hydraulic circuit
- Booster can be mounted in either horizontal or vertical position for flexible fixture design

Hydraulic system schematics

The Activator Wand **RA-1061** is placed into the receiver booster **B-81** or **B-171**. The mechanical transfer of force from the activator wand plunger to the booster piston provides oil flow to the system.

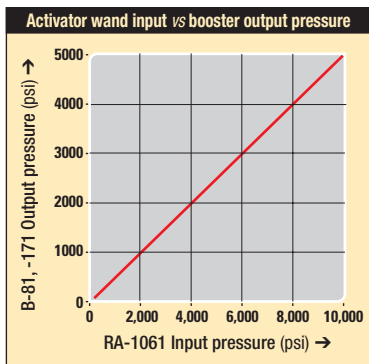


■ A slide places the wand into the fixture mounted booster in this automated application for machining castings.

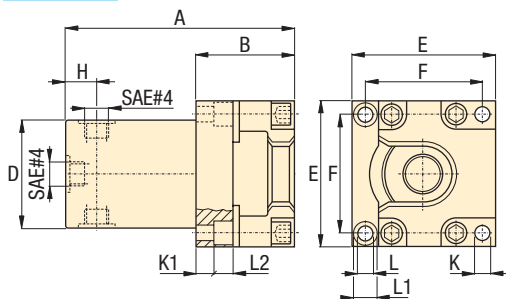


Product selection

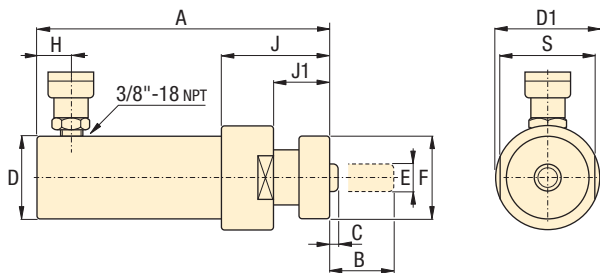
Pressure ratio	Oil flow ratio	Oil volume per stroke	Stroke	Model number	Effective area	Operating pressure	
		in ³	in		in ²	psi	lbs
▼ Receiver booster							
2:1	1.75:1	8.10	2.04	B-81	3.98	400-5000	12.7
2:1	1.75:1	17.10	4.30	B-171	3.98	400-5000	15.7
▼ Activator wand							
-	-	9.90	4.44	RA-1061	2.23	800-10,000	11.3



B-81, -171



RA-1061



Product dimensions in inches [\varnothing]

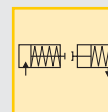
Model number	A	B	C	D	D1	E	F	H	J	J1	K	K1	L	L1	L2	S
▼ Receiver booster																
B-81	6.86	2.74	1.74	3.00	-	4.00	3.25	1.12	-	-	.41	2.26	.41	.62	.42	-
B-171	9.12	2.74	1.74	3.00	-	4.00	3.25	1.12	-	-	.41	2.26	.41	.62	.42	-
▼ Activator wand																
RA-1061	11.62	4.63	.19	2.25	3.00	.75	2.32	.75	3.02	1.53	-	-	-	-	-	2.75

Ratio: 2:1

Stroke: 2.04-4.44 in

Pressure: 400-5000 psi

- E** Multiplicadores
- F** Multiplicateur
- D** Betätigungszyylinder und Druckverstärker



Options

Fittings

157 ▶



Hoses

156 ▶



For 10,000 psi pumps, refer to the Enerpac Industrial Tools Catalog E325.



Existing fixtures with manual-connect single-acting circuits can be easily upgraded into the wand and booster.

Important

The activator wand has a 2 to 1 ratio of input pressure versus output pressure.

The booster output flow is 1.75 times the wand input flow.

Power sources

Valves

System components

Yellow pages