

▼ Shown from top to bottom: PAMG1402N, PARG1102N, PATG1102N, PATG1105N



- High-efficiency cast aluminium air motor for increased life and reduced air consumption
- Fully serviceable air motor assembly
- Reinforced heavy-duty reservoir for applications in tough environments
- Air-saver piston with rugged one-piece design reduces air consumption and operating costs
- Return-to-tank port for use in remote valve applications
- Quiet – only 76 dBA with low air consumption of 340 l/min
- Operating air pressure: 2,8 - 8,8, enables pump to start at extremely low pressure
- Internal pressure-relief valve provides overload protection
- Mounting Bracket Kit (MTB1) available to mount pumps to horizontal or vertical surfaces.

▼ Easily operated by hand or by foot.



Compact Air Over Hydraulic



Regulator-Filter-Lubricator
Recommended for use with all Turbo air pumps. Provides clean, lubricated air and allows for air pressure adjustment. Steel bowl guards are standard.

Model Number **RFL102**



Large Reservoir Models
The Turbo II Air Pump is also available with an enlarged reservoir: **PATG1105N**, **PAMG1405N** and **PARG1105N**.



Hoses
Enerpac offers a complete line of high-quality hydraulic hoses. To ensure the integrity of your system, specify only genuine Enerpac hydraulic hoses.

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Used with Cylinder	Usable Oil Capacity (cm³)	Model Number
Single-Acting	2081	PATG1102N
	3770	PATG1105N
Single-Acting	2081	PARG1102N
	3770	PARG1105N
Double-Acting	2081	PAMG1402N
	3770	PAMG1405N

PA-Series, Turbo II Air Hydraulic Pumps



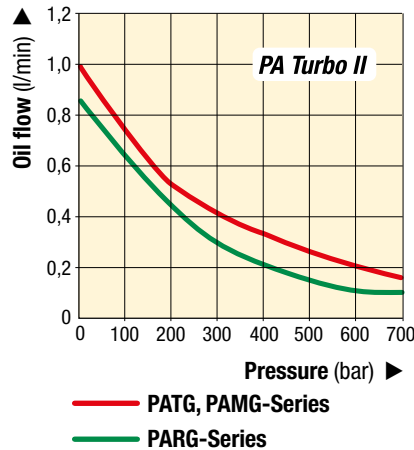
PATG-models use a foot or hand operated treadle to control air and valve functions.

PAMG-models use a treadle with a locking feature to control air, and a 4-way manual valve to control hydraulics.

PARG-models use a 4,5 metres air pendant for remote control.

OIL FLOW VERSUS PRESSURE

at 6,9 bar dynamic air pressure



PATG PAMG PARG Series



Reservoir Capacity:

2,5 - 5,0 litres

Flow at Rated Pressure:

0,10 - 0,16 l/min

Air Consumption:

227 - 340 l/min

Maximum Operating Pressure:

700 bar

Maximum Pressure	Output Flow Rate (l/min)		Pump Series	Valve Function	Air Pressure Range	Air Consumption at 5,2 bar air (l/min)	Sound Level
(bar)	No Load	Load			(bar)		(dBA)
700	1,00	0,16	PATG	A / H / R *	2,8 - 8,8	340	76
700	0,76	0,10	PARG	A / H / R *	2,8 - 10,3	227	76
700	1,00	0,16	PAMG	A / H / R *	2,8 - 8,8	340	76

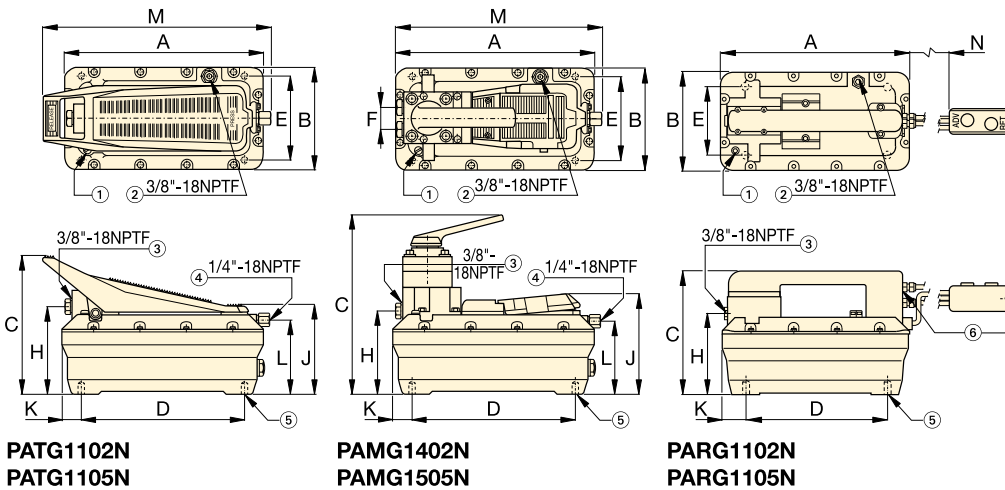
* Valve function: Advance / Hold / Retract.



Speed Chart

To determine how a specific pump will operate your cylinder, see the Pump-Cylinder Speed Chart in the 'Yellow Pages'.

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- ① Filtered 'Permanent' Tank Vent
- ② Return-to-Tank/Auxiliary Vent/Fill Tank Port
- ③ Hydraulic Output
- ④ Swivel Air Input with Filter
- ⑤ 4 Mounting Holes for #10 thread forming screw. Max. depth into reservoir = 19 mm
- ⑥ Air Input with Filter on PARG models 1/4"-18 NPTF

	Valve Operation	Turbo II Dimensions (mm)													Model Number
		A	B	C	D	E	F	H	J	K	L	M	N	(kg)	
	Treadle 3/3	313	165	211	230	102	–	129	146	42	113	347	–	8,2	PATG1102N
		396	201	209	230	102	–	131	146	86	112	437	–	9,9	PATG1105N
	Air Pendant 3/3	313	165	200	230	102	–	129	–	42	–	–	4500	10,0	PARG1102N
		396	201	209	230	102	–	131	–	86	–	–	4500	11,7	PARG1105N
	Manual 4/3	313	165	267	230	102	36	130	152	42	113	315	–	11,0	PAMG1402N
		396	201	267	230	102	36	132	152	86	112	405	–	12,7	PAMG1405N