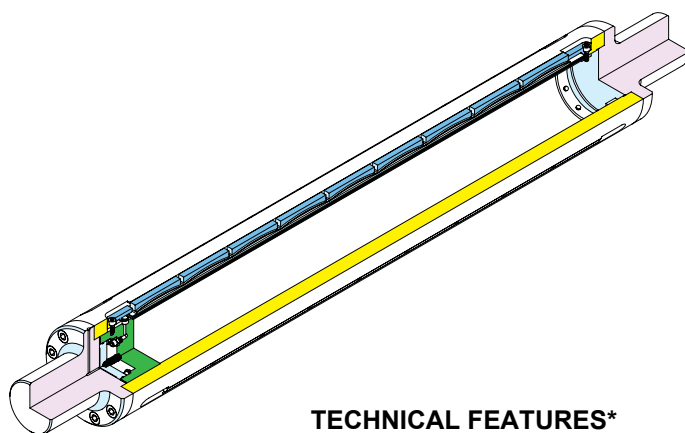
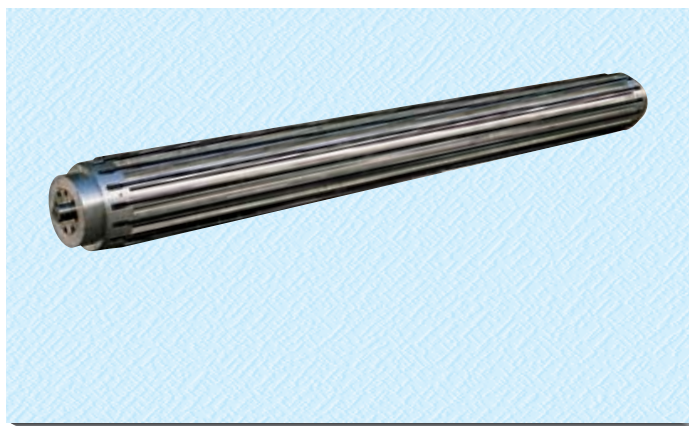


**UK**

**on light alloy  
on steel**

# PNEUMATIC EXPANDING SHAFTS WITH LEDGES



The Model 640/PL is recommended for unwinding or rewinding rolls with cores. It can be used for all types of cores, multiple rolls, and larger diameter requirements. The body of the shaft is available in a variety of light alloys or in a variety of steel, and expanders in steel, rubber, plastic or in combination, depending from the applications. The journal ends are also available in a variety of steels and are always custom-made. Expansion is obtained by a system of inflatable tubes that are located beneath each row of expanders. Each tube exerts pressure equally to engage the expanders when air is applied. This system results in greater self-centering qualities than other pneumatic shafts presently available. On request, tubes can be independent; this way, any leakage in one tube deflates only the broken one whilst the adjacent tubes continue to hold the core. Tube changes are quick and easy, accomplished without journal removal. Hex sockets free both expanders and tube for a quick procedure. Standard sizes available for this Model are listed below, but are available in other sizes for a custom order. Contact your SVECOM representative for details.

**TECHNICAL FEATURES\***

Core diameter	from 38 to 600 mm
Face width	up to 9000 mm
Expansion range	8 mm
Balancing	up to 2200 rpm
Air pressure	min. 5 bar (suggested 6 bar)



	on light alloy				on steel			
	70/76	100	120	150	70/76	100	120	150
Core diameter in mm	70/76	100	120	150	70/76	100	120	150
Number of leaves on circumference	5	6	7	9	5	6	7	9
Max carrying capacity in N (steel body)	7000	12000	22000	30000	13000	19000	34000	38000
Max torque in Nm/cm with cardboard cores	6,2	9,8	14,4	22	6,2	9,8	14,4	22
Max torque in Nm/cm with steel cores	6,7	10,6	15,7	24	6,7	10,6	15,7	24
Shaft weight (without journal) in N/cm	1,05	1,35	1,90	2,30	1,94	2,57	3,28	5,43

\*Contact your SVECOM representative for Non-Standard requirements.