

# PNEUMATIC SELF-EXPANDING SHAFTS WITH LEDGES

## MOD. 640 PQL



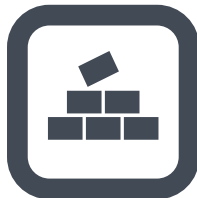
always in contact with the cores,  
reduced downtime, increased  
productivity; easy repair



designed to prevent and  
avoid breakdowns



chosen from time to time  
based on the application;  
60 years of experience



designed according to  
required carrying capacity



various application  
possibilities and usage for  
different core types



12-month warranty ensures  
the quality of the product



high performances,  
precise winding



**The 640/PQL shaft grants perfect unwinding and winding with cores at high linear speeds. It is equipped with the tested SVECOM self-centering air system, with metal centering ledges and rubber gripping ledges.**

Dynamically balanced to the requested speed, it ensures a great productivity increase.

It can be used for all types of cores, multiple reels and larger diameter requirements.

The shaft body is available in a variety of steels and light alloys. 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. Tube changes are quick and easy, accomplished without journal removal.



## FEATURES MOD. 640 PQL

- Multiple chamber system
- Excellent core centring
- High resistance rubber tube
- Various materials for table and journals
- Quality components
- Multiple choice for expandable elements

DATA SHEET*					640/PQL			
CORE DIAMETER	from 50 up to 800 mm							
TABLE LENGTH	from 100 up to 7000 mm							
EXPANSION	8 mm on diameter							
OPERATING PRESSURE	5 bar min. (suggested)							
	STEEL				LIGHT ALLOY			
INTERNAL DIAMETER OF THE CORE IN MM	70/76	100	120	150	70/76	100	120	150
NUMBER OF LEAVES ON THE CIRCUMFERENCE	6	6	8	9	6	6	8	9
MAX CARRYING CAPACITY IN N. (STEEL TABLE)	13000	19000	34000	38000	7000	12000	22000	30000
TRANSMITTABLE TORQUE ON CARDBOARD CORES IN NM/CM	4,5	7	10	15	4,5	7	10	15
TRANSMITTABLE TORQUE ON STEEL CORES NM/CM	4,7	7,5	11	17	4,7	7,5	11	17
SHAFT WEIGHT (JOURNALS EXCLUDED) IN LINEAR N/CM	1,9	2,6	3,2	5,5	1	1,4	1,8	2,4

\* The technical data are purely indicative. Contact Svecom - P.E. for customized requests