TIDLAND LEAF-TYPE AIR SHAFTS

REWIND APPLICATIONS

Years of successful roll control in the field testify to the excellent performance of the Tidland Leaf Shaft. Designed for a wide range of converting applications, these shafts are best for the elimination of thin wall core deformation. The 360 degree radial expanding grip along the entire leaf face delivers more winding surface and allows for the winding of single or multiple rolls, with or without cores.

With smooth, polished external leaves, these shafts are particularly suited for delicate materials. Leaf Shafts are built tough, with bodies constructed of standard steel, alloy steel or aluminum, and internal tubes made of durable, hard-wearing rubber.

Simple modular construction and standardized components mean quick off-the-shelf spare parts and easy in-plant maintenance when necessary.

GENERAL SPECIFICATIONS

Journal detail customized to fit existing equipment

Optional fixed leaf design for critical high-speed winding

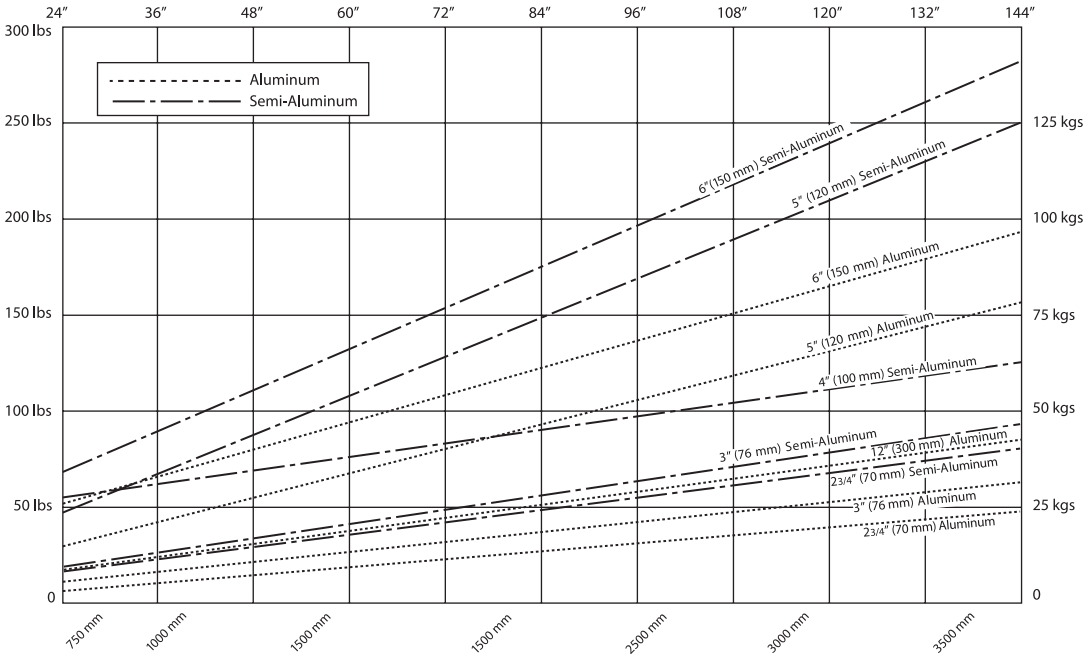
Optional cantilevered support to suit machine design needs

KEY FEATURES

- Leaf-style design delivers more winding surface, and is best for the elimination of thin wall core deformation
- 360 degree radial expanding grip allows for the winding of single or multiple rolls, with or without cores
- Faster, easier shaft handling maximizes productivity
- Durable construction designed to withstand abuse and abrasion
- Available in many sizes to accommodate any converting application

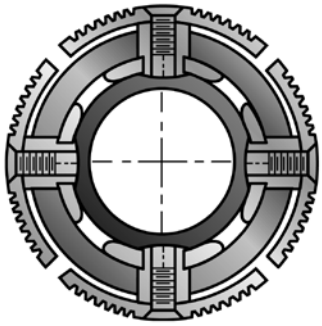
SHAFT WEIGHT COMPARISONS

Series 650 Shaft Weights



Series 650 Leaf Shaft
Light- to Heavy-Duty

Series 650 Leaf Shafts are designed for 38.1 mm to 171.5 mm (1.5 inch to 6.75 inch) ID cores, as well as coreless operations. The versatility of this shaft has made it the most popular and widely used leaf shaft on the market today.



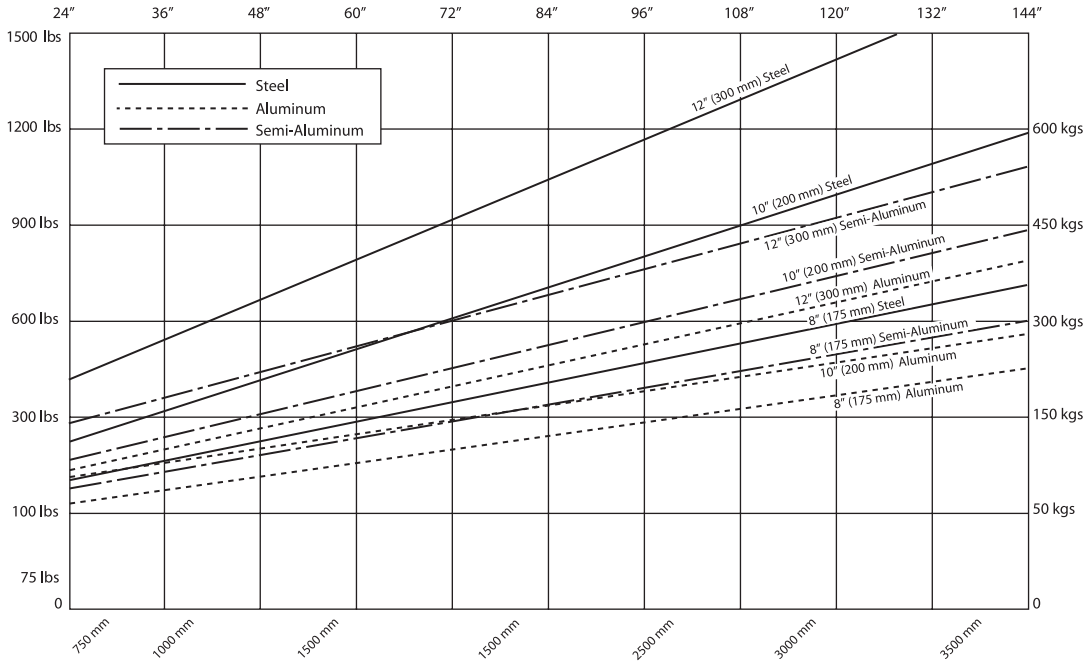
Series 650 Internal Expansion

Approximate Torque Capacities* (per inch of web)

NOMINAL SIZES		FIBER CORE	STEEL CORE
INCHES	MM	LB-IN	LB-IN
2	50.8	46	30
2.75	69.85	88	58
3	76.2	106	70
4	101.6	212	140
5	127	368	243
6	152.4	616	407

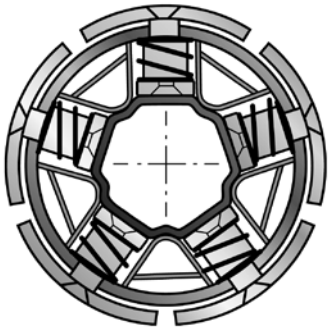
*Torque capacities shown at 80 psi

Series 750 Shaft Weights



Series 750 Leaf Shaft
Heavy-Duty

The Series 750 Leaf Shaft is designed for 177.8 mm to 609.6 mm (7 inch to 24 inch) ID cores, as well as coreless operations. The largest diameter leaf shaft available, this design is excellent for tougher jobs such as winding metal and foil strips. It can also be used as a reel spool for paper reels and large paper machines.



Series 750 Internal Expansion

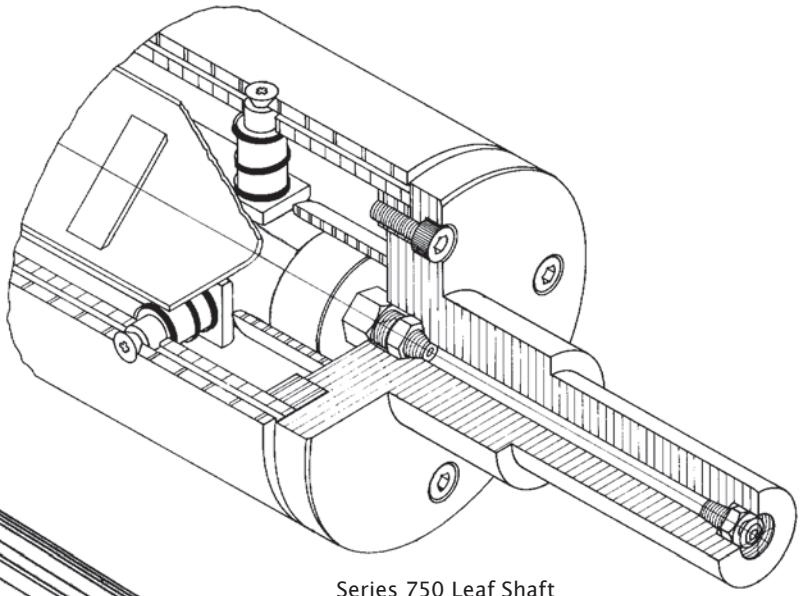
Approximate Torque Capacities* (per inch of web)

NOMINAL SIZES		FIBER CORE	STEEL CORE
INCHES	MM	LB-IN	LB-IN
8	203.2	461	304
10	254	671	443
12	304.8	1107	731
16	406.4	1476	974
24	609.6	2952	1948

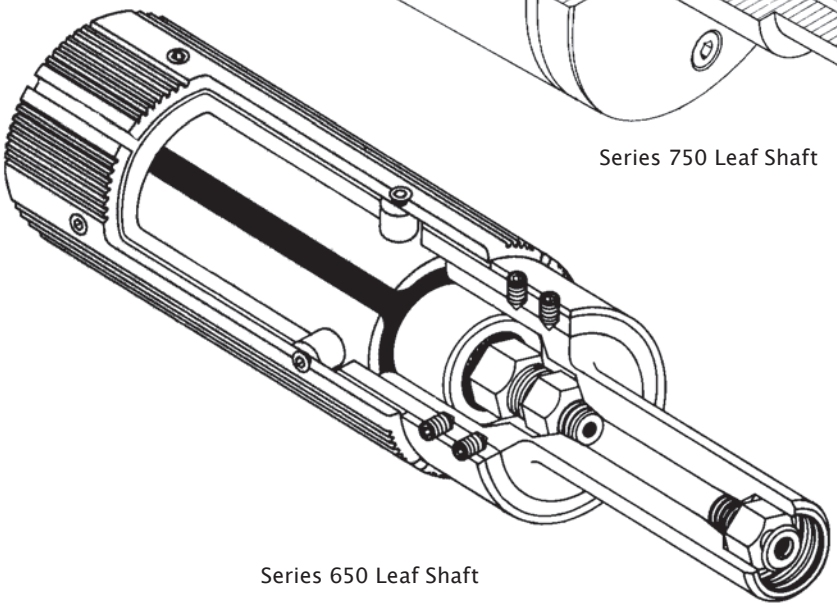
*Torque capacities shown at 80 psi

TIDLAND LEAF-TYPE AIR SHAFTS

INTERNAL EXPANSION COMPONENTS



Series 750 Leaf Shaft



Series 650 Leaf Shaft

MAXCESS®

MAGPOWR FIFE TIDLAND

NORTH, CENTRAL AND SOUTH AMERICA
Tel +1.360.834.2345
Fax +1.360.834.5865
sales@maxcessintl.com
www.maxcessintl.com

INDIA
Tel +91.22.27602633
Fax +91.22.27602634
india@maxcessintl.com
www.maxcess.in

EUROPE, MIDDLE EAST AND AFRICA
Tel +49.6195.7002.0
Fax +49.6195.7002.933
sales@maxcess.eu
www.maxcess.eu

JAPAN
Tel +81.43.421.1622
Fax +81.43.421.2895
japan@maxcessintl.com
www.maxcess.jp

CHINA
Tel +86.756.881.9398
Fax +86.756.881.9393
info@maxcessintl.com.cn
www.maxcessintl.com.cn

KOREA, TAIWAN AND SE ASIA
Tel +65.9620.3883
Fax +65.6235.4818
asia@maxcessintl.com