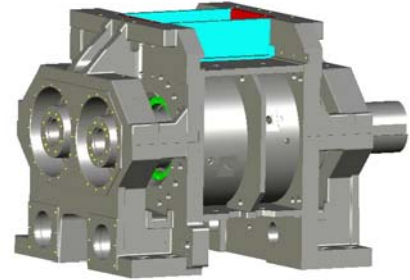# F440 Banbury® Mixer

- **Optimized Chamber Volume**
- **NST™ Rotors**
- **Drilled Sides with Farrel Alloy 13C Hard Surfacing**
- **Water Cooled Rotor End Plates**
- **Hydraulic Hopper Assembly**
- **New, simplified bearing design, maintenance friendly**
- **Designed to Retrofit to existing F370 Installations**
- **Increased Discharge Opening**

F440 Chamber Volume Comparison

Mixer Size	Rotor type	Nominal Volume
F370	4W	413 Liters
F370	4WST	407 Liters
F440	NST	438 Liters

F440 Performance

• Mixing cycle times are the equal to or less than the F370 Banbury® Mixer being replaced

• Peak power and average power consumption increases were negligible

• Quality of compound was either improved or equaled by every measurement standard

F440 Capacity Gain

Using a conservative increase of 25 liters of chamber volume, 75% Fill Factor, 1.15 S.G. and an average mixing cycle time of 3 minutes yields the following productivity gains:

25 liters/batch x 0.75 x 1.15 S.G. x 2.2 lb/kg = 47.4 lbs/batch gain

An average mixing cycle time of 3 minutes results in 20 batches per hour and yields the following productivity gains:

47.4 lbs/batch x 20 batch/hour x 6000 hour/year = **5,692,500 lbs/year additional capacity**

To learn more about the F440 Banbury® Mixer and other Farrel products, please visit www.Farrel.com , or call one of our offices below.

Trademarks

ADVEX®	FTX™
BANBURY®	INTERMIX®
CARD™	NST™
CP-SERIES II™	QUICK DISCONNECT™
ECO-GLAND®	RPI SYSTEM™
FARREL®	ST™
FCM™	TECNOLAB®

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