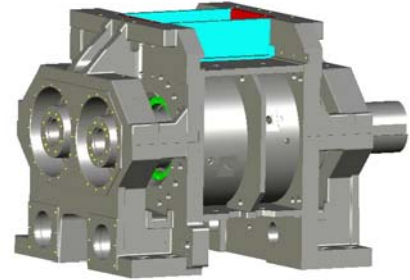


F440 Banbury® Mixer

- 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:

$25 \text{ liters/batch} \times 0.75 \times 1.15 \text{ S.G.} \times 2.2 \text{ lb/kg} = 47.4 \text{ lbs/batch gain}$

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

$47.4 \text{ lbs/batch} \times 20 \text{ batch/hour} \times 6000 \text{ hour/year} =$
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

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