

Comitrol® Processor Slant Models 3640, 3660 & 3675

Controlled Particle Size Reduction



Comitrol® Processor
Model 3640 Slant

SPECIFICATIONS

Comitrol® Processor Model 3640 Slant:

Length: 51.30" (1303 mm)
Width: 40.98" (1041 mm)
Height: 62.43" (1586 mm)
Net Weight: 1196 lb (542 kg)
Motor: Impeller - 40 HP (29.8 kW)

Comitrol® Processor Model 3660 Slant:

Length: 59.36" (1508 mm)
Width: 42.88" (1089 mm)
Height: 62.43" (1586 mm)
Net Weight: 1400 lb (636 kg)
Motor: Impeller - 60 HP (44.8 kW)

Comitrol® Processor Model 3675 Slant:

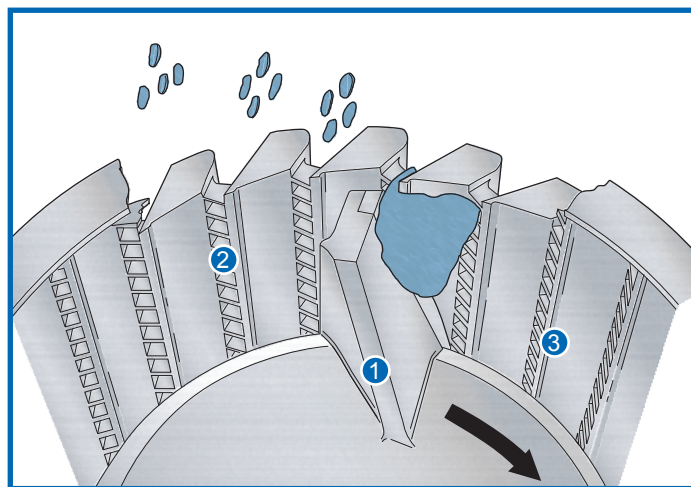
Length: 63.54" (1614 mm)
Width: 42.88" (1089 mm)
Height: 62.43" (1586 mm)
Net Weight: 1500 lb (681 kg)
Motor: Impeller - 75 HP (56.0 kW)

APPLICATIONS

The compact size of the Comitrol Processor Slant Models 3640, 3660, and 3675 makes each machine ideal for a wide range of small volume to high capacity production environments. Each model varies in dimension, weight, and horsepower.

Processors benefit from the wide selection of cutting heads and impellers that are available for diverse applications such as chopping, flake cutting, granulating, pureeing, and emulsifying.

Foods such as meats, poultry, fruits, vegetables, and cheeses can be processed as well as many chemical and pharmaceutical products. The machine features continuous operation for uninterrupted production, and is designed for easy cleanup and maintenance.



OPERATING PRINCIPLE

Product is guided to the high speed, rotating impeller [1]. When product reaches the impeller, it revolves at a high speed inside the cutting head. Centrifugal force propels the product outward past the cutting edges of the stationary reduction head. The cutting head has uniformly spaced thin horizontal bars, or separators [2]. Small portions of product projecting into the spaces between the separators are cut off into flakes by spaced columns of vertical knives [3]. These flakes quickly travel outward and away from the cutting head. The wall surfaces between the vertical knives are relieved to eliminate rubbing friction that would produce heat.

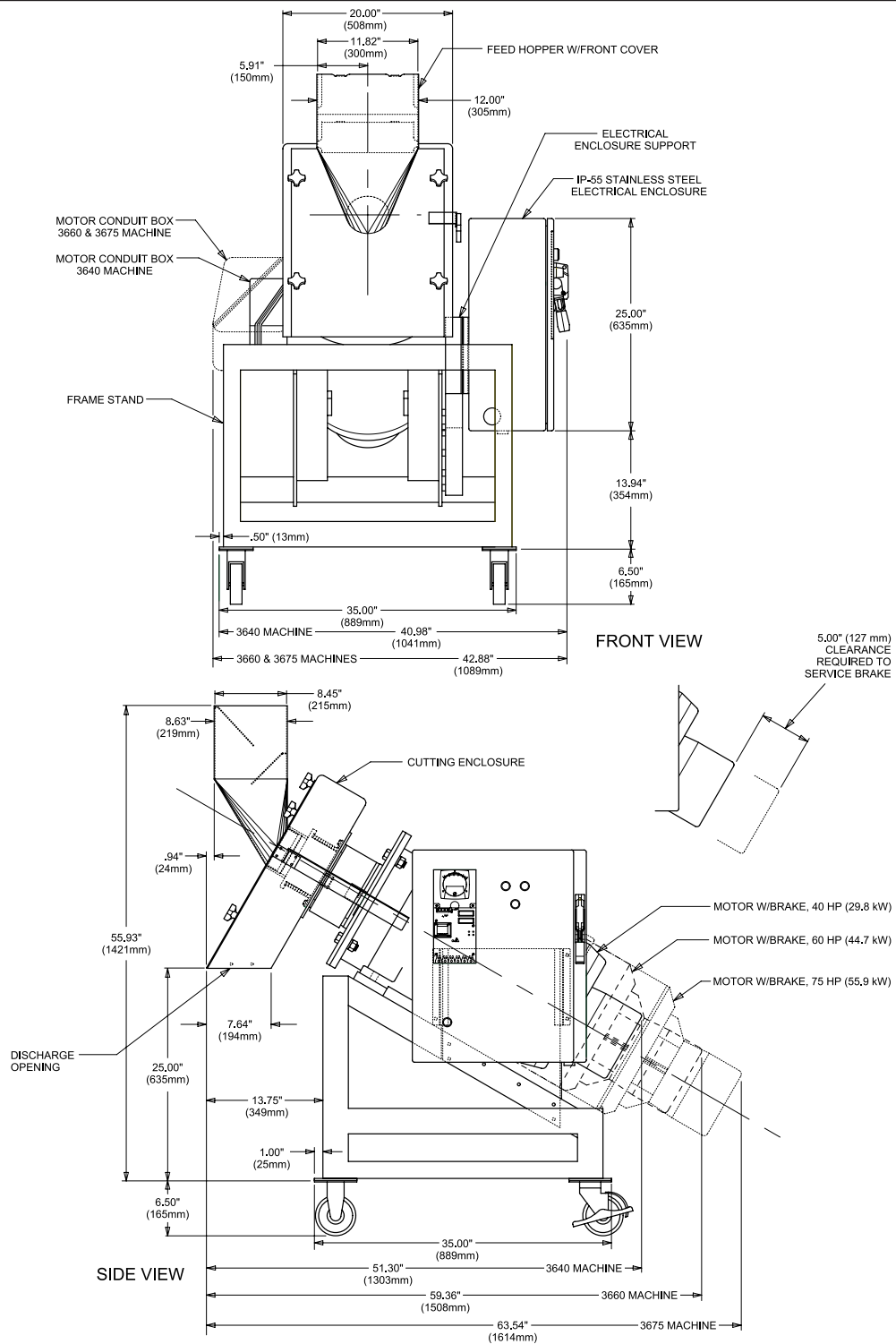
TYPES OF CUTS

Particle sizes ranging from coarse to fine emulsions are possible. To ensure the proper combination of cutting parts, Urschel Laboratories, Inc. recommends your product be tested in one of our worldwide Product Test Cutting Facilities free-of-charge to find the most efficient solution to your size reduction needs.

If your product application is not mentioned on this page, contact your local Urschel representative to determine the most effective solution to your size reduction needs.

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Comitrol® Processor Slant Models 3640-3675 Dimensional Drawing



You Are Invited to Test Cut Your Product

Urschel Laboratories has a complete network of test facilities and experienced service and sales representatives around the world ready to work for you on any size reduction application. Contact your local Urschel Laboratories' representative to schedule a comprehensive, no-obligation test today at www.urschel.com.

