APPLICATION BULLETIN

APPLICATION: Ice Cream Filling Station

INDUSTRY: Food and Dairy Processing Industry

PRODUCT: X2 Posidyne Clutch/Brake

ICE CREAM FILLING STATION

[Diagram of Ice Cream Filling Station with labels for components like Drive Motor, Lug Chain Conveyor, Transfer Drive, X2 Posidyne Clutch/Brake, Lifter Crank, Inline Gear Box, Etc.]

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WHERE THEY ARE USED:
Food and Dairy Processing Plants. They could be used to fill containers with cottage cheese, sour cream, butter, yogurt, etc.

HOW THEY WORK:
The Transfer Drive indexes an empty container 18” to the Fill Station. The Lift Drive rotates 180°, lifting the empty container to be filled with liquid ice cream. It then rotates another 180° lowering the filled container to the exit conveyor belt.

PROBLEMS SOLVED:
1. Reduced down time of Filling Station
2. Maintenance costs reduced
3. Spare parts inventory reduced

IMPORTANT FEATURES:
• 45 cycles per minute.

• 2,700 cycles per hour/20 hrs. per day = 54,000 cycles per day.

• 5 days per week...50 weeks per year = 13,500,000 cycles per year.