MARWEL
Conveyors

Powered Roller Conveyors

1. POWERED ROLLERS FOR PALLETS

MARWEL Powered Roller Conveyors, straight and curved, are ideal for many conveying applications, including heavy duties under adverse conditions. They are particularly suitable for automatic cross feeding in conjunction with chain conveyors, and with special rollers, for automated stop, release and accumulation.

Roller diameters can vary from 25mm to 300mm or more and, with pitch and drive variations, an almost endless number of design permutations can be given. It is therefore of the greatest importance to have your roller tracks correctly designed to suit the size, weight, and type of loads together with the speeds and environmental conditions involved. MARWEL tracks are individually designed to meet these and any other special considerations that apply.

2. POWERED ROLLERS FOR DRUMS

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DUDLEY ROAD EAST - OLDBURY - WEST MIDLANDS - B69 3EB

Typical Specifications

MAIN FRAMEWORKS

These are usually welded fabrications, of ample strength, constructed of angles or channels, plates, flats, and other sections as required and include sheet steel guards, easily detachable for maintenance, to totally enclose all chain drives.

Leg assemblies, in angle or hollow sections, are separate fabrications bolted into place.
Guide Rails of various types and materials can be supplied if necessary.

ROLLERS

The rollers are of tubular construction, the smallest sizes include machined ball bearings and felt or labyrinth seals. Larger diameters and, for some purposes, accurately machined solid steel, can be supported in greased and sealed plummer block bearings. For accumulation we can use chain driven rollers with slipping clutches or belt driven rollers with pressure relief devices.

CHAINS & SPROCKETS

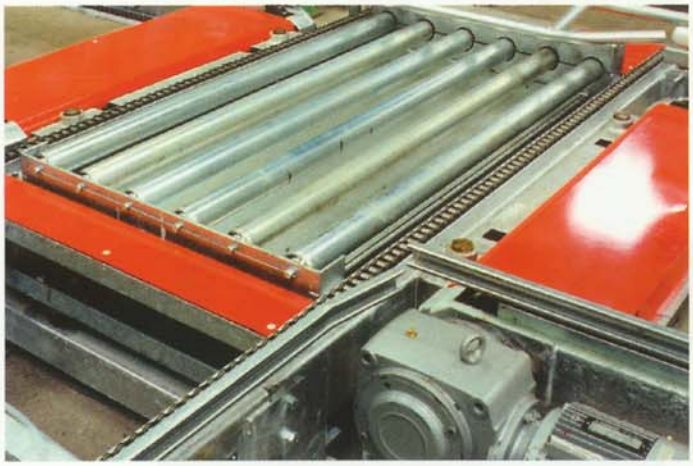
Rollers are fitted with double simple sprockets, using standard transmission chain, for roller to roller drives. With live shaft applications they are bored and keyed to the shafts.

DRIVES

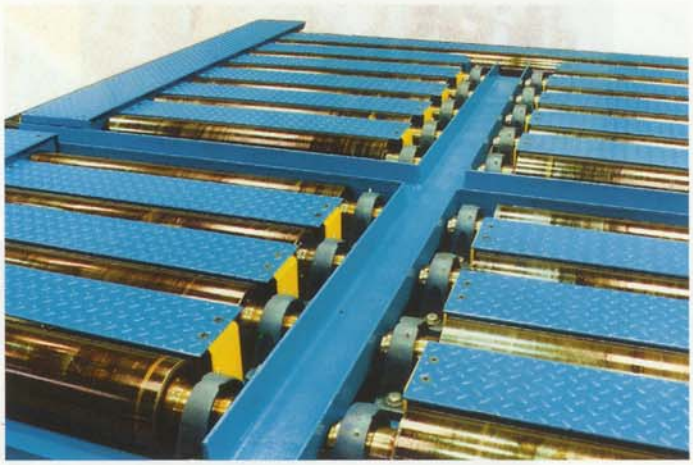
Power is supplied by an oil bath geared motor unit, coupled by final chain drives, usually mounted below the track in a central position. Multiple drives may be involved on long runs.

May we remind you that a MARWEL sales or design engineer is always available for free consultation at your premises on any problem or proposed installation.

Our ideas and innovations are frequently an improvement on the basic proposals and can make a considerable contribution to the final success of a project.



3. T-JUNCTION



4. PACK BANDING

5. CHAIN X-TRANSFER

6. PLATEN CONVEYORS

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