

Conveyors - Introduction



The Lemcol range of gravity conveyors will enable goods of all shapes, sizes and weights to be moved quickly, efficiently and safely from one operational stage to the next.

Your choice of roller or wheel conveyor will depend on the nature of the articles to be moved. Generally goods that are heavy or less uniform in shape, or both, will require roller conveyors. Lighter and more uniform articles may well suit the use of wheel conveyors which have the capacity to move goods quicker.

Roller Conveyor Frames

Available in both straight and curved sections these pressed steel frames give absolute rigidity and strength without undue weight. The standard size sections shown are obviously the most economical way to buy frames but quotations can be provided on non-standard lengths to suit individual needs.

The rollers (steel or polypropylene) in curved sections are of the double differential type, thus enabling cases, cartons etc. to maintain a controlled course and not wander towards the outside of the curve.

Standard frames are punched at 75mm centres. To determine the pitch of a system simply divide the size of the smallest commodity to be moved by 3 and choose the nearest spacing. This will provide 3 rollers under that commodity; e.g. a 500mm long box only requires rollers at 150mm centres.

Roller capacities quoted are for moving flat objects. Where the roller is subjected to impact, a heavier roller should be used.

The overall capacity of the section is dependent on roller pitch, roller capacity and the method of support - see chart on page 41.

Note: Non standard lengths and widths are available on application.

