

INTRODUCTION TO MEGAPOWER BELTS

MEGADYNE began manufacturing transmission belts in 1957 and moulding MEGAPOWER belts in 1975. MEGAPOWER timing belts are manufactured in thermoset polyurethane by a unique moulding process. The thermoset polyurethane gives superior wear and abrasion resistance. Several type of cords, helically wound rolled up inside the belts, assure excellent dimensional stability and offer high performances in terms of flexibility and traction resistance. MEGAPOWER belts are particularly suitable for power transmission applications.



MEGAPOWER USE ADVANTAGES

MEGAPOWER timing belt drives represent a modern and efficient system of power transmission. They combine the advantages and properties of geared drives with those of Vee and Flat belts whilst eliminating the troubles typical of each of these types of transmission.

MEGAPOWER drives allow:

- synchronous transmission
- constant and high angular speed
- excellent mechanical performance
- dimensional stability
- low noise
- low installation tension
- minimum drive dimensions
- omega drive configuration
- customised belt engineering

MEGAPOWER APPLICATION AREAS

Thanks to their features, Megapower belts can be successfully used in a wide range of applications such as:

- computers tape movement
- office automation equipment
- medical equipment
- packaging machinery
- motor vehicles
- swimming pool cleaning robots
- plotters
- money changers
- optical instruments
- robotic arms
- electric appliances
- shower manual controls
- vacuum systems
- vending machines
- food machinery
- textile machinery
- leisure and do-it-yourself equipment

