



MEGADYNE



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Megadyne started manufacturing power transmission belts in 1957. Constant research and development has resulted in the creation of a large range of quality products.

This places **Megadyne** as one of the world's leading producers of polyurethane belts, rubber belts and pulleys, offering a complete drive system to the market.

A continually expanding global presence offers a distribution network that guarantees local service and technical support.

Megadyne products are suitable for most industrial drive applications, for power transmission, synchronisation, conveying and linear positioning.

The **Megadyne** mission statement is: "To constantly strive in order to achieve the best possible product for all industrial applications".

Megadyne's Research and Development department constantly cooperates with our Customer's Technical departments, supporting existing projects and helping to develop new ones.

Our aim is to satisfy all aspects of our Customer's requirements. In order to give technical support our R & D department is constantly researching new materials and upgrading our production technology.

In this way new product development is achieved more efficiently.

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SPECIAL & FABRICATED BELTS

COVERS

Megadyne offers a variety of coverings in Polyurethane, Rubber elastomer, foam, PVC and many other custom made solutions

CLEATS

For Megalineer and Megaflex, all the cleats are made using thermoplastic polyurethane. The cleats are attached using high frequency vibration welding. The production process for these profiles is very flexible; Megadyne can design any profile to meet the specific customer requirement. In case of Megapower, a special mold is request.



FALSE TEETH

Is a new solution of mechanical profile application system, specially designed for attaching leats that cannot be welded onto polyurethane timing belts.

PPJ SYSTEM

allows to join belts directly on the machine, for a very fast belt's replacement.

MEGAWELD

A wide selection of weldable belts for numerous applications.



METAL PRODUCTS

Megadyne Group stocks and supplies an extensive range of pulleys and accessories like timing bars, taper bushes, flanges and clamping plates to offer a complete drive transmission system. Megadyne custom made metal products can be designed to meet customer requirements.

PULLEYS

A large range of standard and custom made pulleys are available, for many kinds of industrial applications.



CLAMPING PLATES

Clamping Plates are used to clamp timing belts ends.



TIMING BARS

Timing bars are toothed steel or aluminium cylinders, available in standard or custom made to drawing.



FLANGES

Full selection of stock aluminum and steel timing pulley flanges.



TAPER BUSHES

The taper bushes allow easy mountig and quick removal of the transmission, thus eliminatig the clearance between shaft and bore.



FLAT BELTS

MEGAFLAT POLYURETHANE

Flat belts that are truly endless mandrel moulded, available with polyester, aramid or cotton reinforcements.

SECTIONS

P0 - P102 - P105 - P107 - P108 - P110 - P120 - P155
S108 - S110 - S120 - S155



MEGAFLAT RUBBER BELTS

Flat belts that are truly endless mandrel moulded, available with polyester, aramid or cotton reinforcements.

SECTIONS

T75 - T150 - T200 - T108
T110 - T120 - T155



V-BELTS

A large range of products are available from stock.
Precision technology allows the manufacture of dimensionally precise belts.

EXTRA - OLEOSTATIC - OLEOSTATIC GOLD

SECTIONS

Z - A - B - C - D* - E* - 20* - 25* - 45* - 50*
SPZ - SPA - SPB - SPC - 3V* - 5V* - 8V*
* Available only in OLEOSTATIC version

ESAFLEX

SECTIONS

AA - BB - CC

XDV2

SECTIONS

XDV 38 - XDV 48 - XDV 58



LINEA GOLD

SECTIONS

AX - BX - CX - XPZ - XPA - XPB - XPC

LINEA-X

SECTIONS

XPZ - XPA - XPB - XPC

VARISECT

SECTIONS

13x6 - 17x6 - 21x7 - 22x8 - 26x8 - 28x8 - 30x10
32x10 - 36x12 - 37x10 - 42x13 - 47x13
52x16 - 55x16 - 65x20 - 70x20

PLURIBAND

SECTIONS

RA - RB - RC - RSPZ - RSPA - RSPB - RSPC
R3V - R5V - R8V - R3VX - R5VX

ACCU-LINK

Accu-link may be used as an emergency belt in place of V-belts in case of unexpected failure, but is also originally installed in many industrial sectors.



TIMING BELTS

ISORAN TIMING BELTS

Rubber Timing belts are available in single or double sided version, in classical pitches and RPP profiles. A large range of products available from stock.

SECTIONS

MXL - XL - L - H - XH - XXH - XL DD - L DD - H DD
RPP3 - RPP5 - RPP8 - RPP14 - RPP20
RPP5 DD - RPP8 DD - RPP14 DD
SILVER5 - SILVER2 8M - SILVER2 14M - SILVER8 DD - SILVER14 DD
GOLD8 - GOLD14
PLATINUM8 - PLATINUM14



ISORAN OPEN END BELTS

Especially suitable for linear drives, accurate positioning and bidimensional drives, where the rotation has to be translated into a linear position. Available in classical and RPP profiles.

SECTIONS

MXL - XL - L - H - RPP3 - RPP5 - RPP8
RPP8 STEEL CORD - RPP14 STEEL CORD
SILVER5 - SILVER8 - STD8



MEGAPOWER

Timing belts are manufactured using a unique thermoset moulding process.

SECTIONS

MXL - XL - L - H - T2 - T2,5
MPW2 T5 - MPW2 T10
MPW2 T5 DD - MPW2 T10 DD
MPW2 AT5 - MPW2 AT10



MEGAFLEX

Endless timing belts are made of thermoplastic polyurethane, with a continuous spiral cord.

SECTIONS

XL - L - H - XH - XL DD - L DD - H DD - XH DD
T5 - T10 - T20 - T5 DD - T10 DD - T20 DD
AT5 - AT10 - AT15 - AT20 - AT5 DD - AT10 DD - AT20 DD
MTD8 - RPP5 - RPP8 - RPP14 - RPP5 DD
RPP8 DD - RPP14 DD - ATG10 - P2



MEGALINEAR

Open end timing belts, made in thermoplastic polyurethane, are available in both open-end or joined versions.

SECTIONS

MXL - XL - L - H - XH - T2,5 - T5 - TT5 - T10 - T20
AT3 - AT5 - AT10 - AT20
MTD3 - MTD5 - MTD8 - MTD14
RPP5 - RPP8 - RPP14 - RPP14 XHP
STD5 - STD8 - HG
TG5 - TG10 - TG20
ATG5 - ATG10 - ATG20 - QST5 - QST8 - QST14
GW14 - GW20 - P1 - P2 - P3 - P4



MULTI RIB BELTS

PV BELTS

Megadyne ribbed belts are endless rubber belts with longitudinal V shaped grooves. PV belts provide high flexibility and great power performance as they combine the benefits of flat and V belts.

SECTIONS

PH - PJ - PK - PL - PM



MEGARIB

Ribbed belts are manufactured using a thermoset compound with polyester or polyamide high tension cords.

SECTIONS
PJ - PH - PTB2



CONVEYOR BELTS

Megadyne's lightweight conveyor belts are developed to meet the requirements of various industries and based on the experience gained by customer feedbacks. They are made to satisfy market needs in terms of different size, fabric, compounds, colors and patterns. The standard product range includes more than 125 conveyor belt types. Megadyne also offers a wide range of fabrication options including high frequency welded cleats, tracking guides and sidewalls together with accurately positioned holes, fittings and sealed edges.

PVCCON (PVC, limited oil resistant)

Series D, G, L, MG, N, U, T

PVCEXCON (PVC, oil and fat resistant)

Series E, F

PUCON (Thermoplastic Polyurethane)

Series P

FABCON (Fabric)

Series R, B

POLYCON (Polyolefin)

Series V

SILCON (Silicone)

Series H

FELCON (Felt)

Series SAM



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