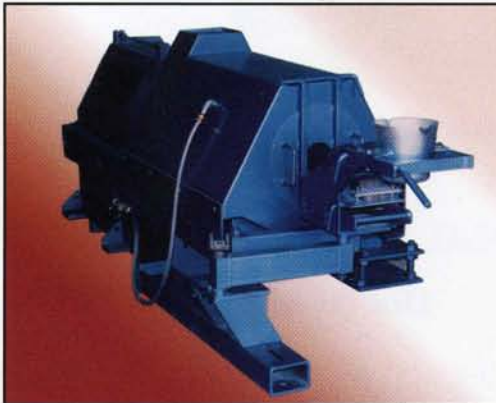


The Alpha Range

This is the most popular series of horizontal machines manufactured by Gibson Centri-Tech. Five standard basic sizes are offered with an extensive selection of variations to suit individual specific requirements. Single or twin head machine versions are available.



AGE 1 Casting Machine

The Alpha-Gyra Machine

This machine is designed and manufactured to meet the requirements of one offs, jobbing, medium to mass productions of cylinder castings for diesel and petrol engines, gear wheel blanks, high duty bushes for automotive and engineering duties and pump sleeves, in high duty nickel alloys.

The Alpha Uni-Gyra Machine

Is a high duty version of the Alpha-Gyra Machine having high speed capabilities with a range of optional production items including programmable control unit, automatic mould coat spraying, and mechanical casting extraction, making it more suitable for mass production duties.

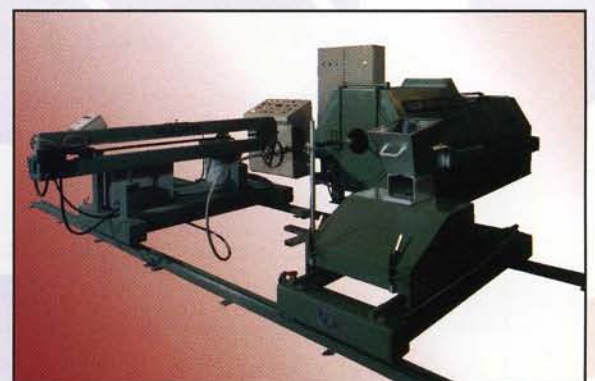
The Twin head machines are best employed for medium to long production runs of cylinder liner castings of maximum 500mm internal diameter.

Main Features

- Moderate capital cost
- Simple to install & operate
- Ready for use on connection of supply services
- Simple to maintain
- Low noise and vibration levels.
- Flexible. Suitable for both "jobbing" work and high production of standard components.



**AU1 C/W
Auto Spray System**



AU 3 Casting Machine

GIBSON CENTRI TECH LIMITED

HILLTOP WORKS, TRENT VALLEY INDUSTRIAL ESTATE,
EASTERN AVENUE, LICHFIELD,
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Typical Centrifugal Castings

HORIZONTAL SHAFT

Alpha Gyra Uni Gyra

BUSHES

CYLINDER LINERS

FLANGES

SEAL RING CASTINGS

SLIP RING CASTINGS

PUMP SLEEVES

BEARING CASE CASTINGS

PIPE FITTINGS

VALVE SEAT CASTINGS

GEAR WHEEL BLANKS

BUSHES FOR BEARINGS & GENERAL ENGINEERING DUTIES

SMALL STERN TUBES

PRESSURE TIGHT CASTINGS

BALL VALVE CASTINGS

REACTOR SEAL & GUIDE SLEEVE BEARINGS

Alpha-Gyra Horizontal	Standard Range Casting Sizes mm ∅ Min ∅ Max, Length	Average Total Load Kgs Subject to Load Speed graph	Motor Rating Kw
Alpha Gyra/UNI 1	50, 550, 600	600	5.5 - 7.5
Alpha Gyra/UNI 2	70,650,750	1300	7.5 - 11
Alpha Gyra/UNI 3	100,750,900	2000	11 - 15
Alpha UNI 4	100,900,1050	3000	15 - 22
Alpha UNI 5	200,1000,1400	5000	37
Alpha UNI 6,7	Details on Application		

Other variants available on request.