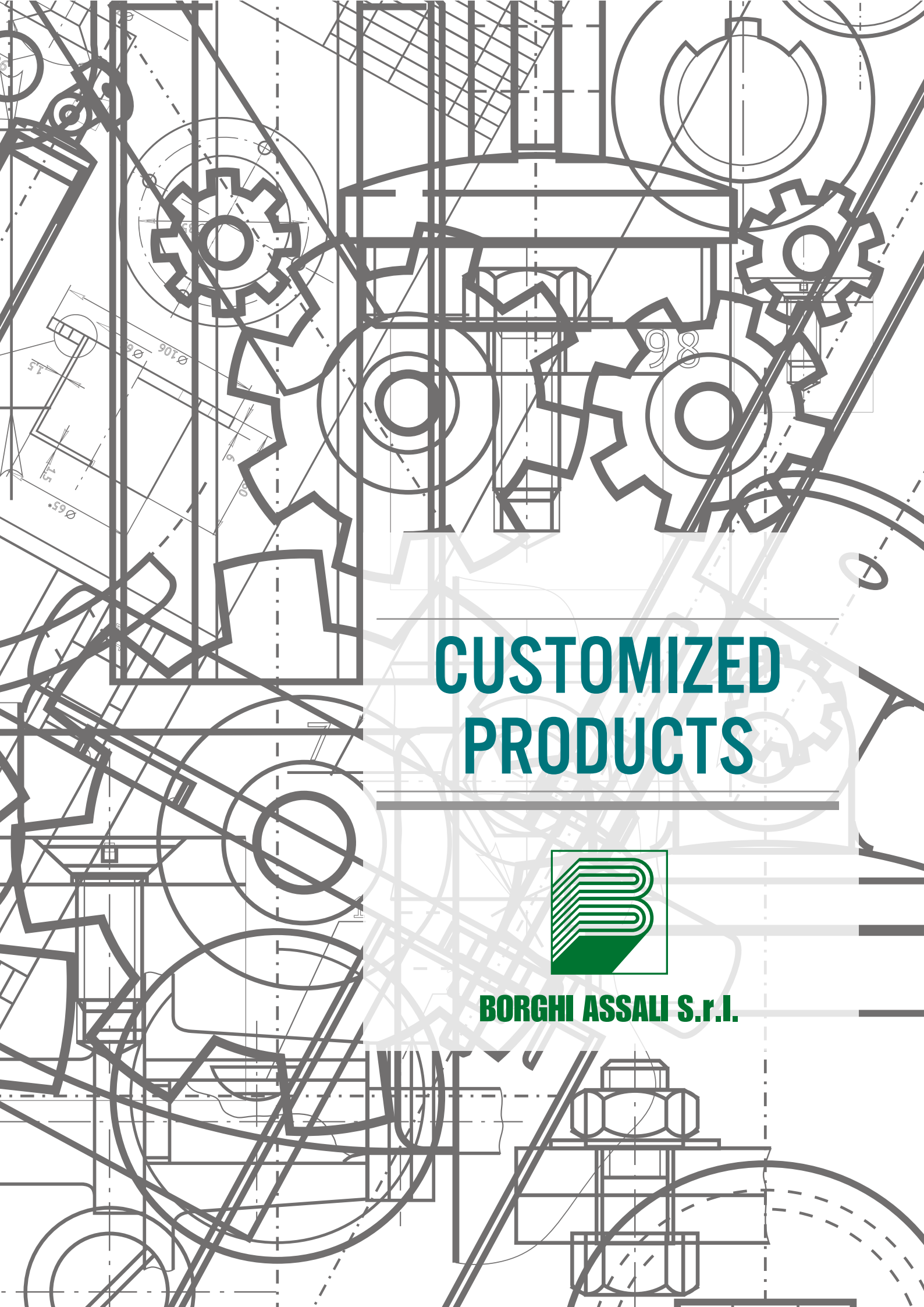


CUSTOMIZED PRODUCTS

BORGHI ASSALI S.r.l.

THE HISTORY

THE HISTORY

The company was born on 4rd January 1971 and was specialized in the design and construction of moulds and equipment for the metal sheet cold deformation.

In 1992 through an international research the company has begun the development of idle steer axles for forklift counterbalance, side loaders, Ground Support Equipment and airport tow tractors.

The innovation and the quality has conquered in a short time the markets all over the world. Beginning from this first experience and taking always advantage of the most modern design technologies the company could develop a wide range of products beginning from the idle steer axles with solutions covered by patents, the company is in fact present in many European and Extra-European countries with beyond 85% of the production.

Since 2009 we have begun the development of motorized wheels with horizontal and vertical motor and recently we have developed a little range of Motorised Transaxles.

TECHNICAL DEPARTMENT AND THE QUALITY

TECHNICAL DEPARTMENT AND THE QUALITY

BUREAU VERITAS
Certification

Certification

BORGHI IVAN SNC

ISO 9001:2008

Scope of supply

Design, production and maintenance
on axles for industrial forklifts and trucks
Design and production of hydraulic cylinders
Production of mechanical parts on client's drawing
Tooling and maintenance of cold-sheared metal sheet

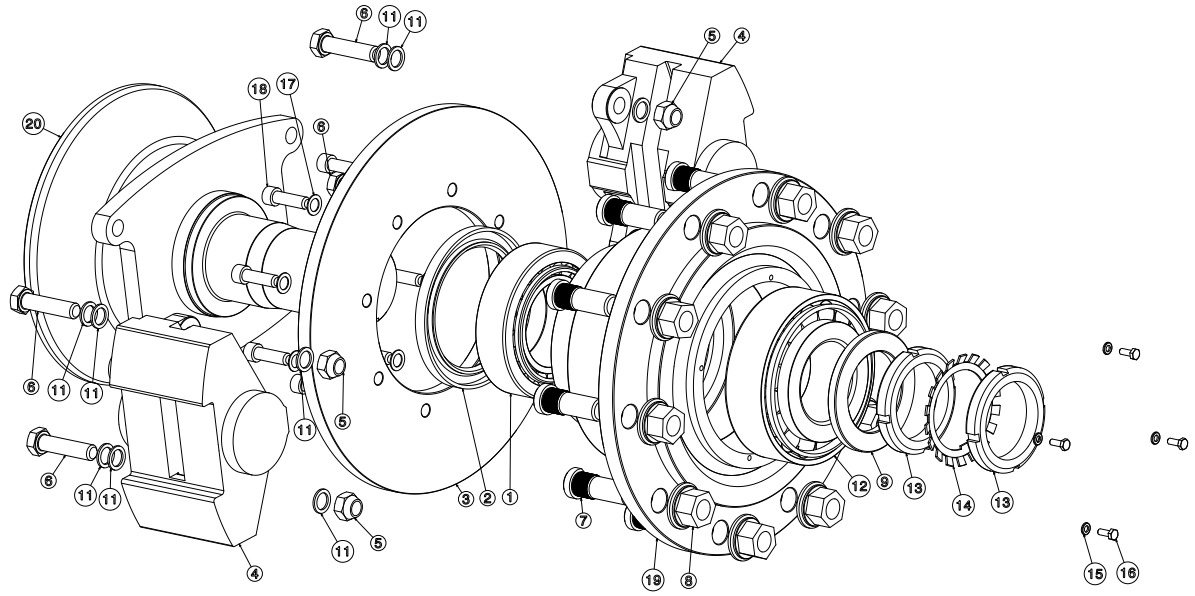
Our technical department is equipped with the most advanced systems for design and calculation with which it can face any demand from customers, preparing special products for the single applications.

The quality control, besides of the inbound and outbound components by means of automatic control systems, ensures the product quality that emphasizes the seriousness of the company and supports the customer guaranteeing completely the choice and the preference given to our production.

We are a certified company ISO 9001 and we are in line with the Italian legal requirements in the field of safety at work.

We are currently achieving the environmental certification ISO 14001 moreover we are working with American companies and we have adhered to the USA standard for antiterrorism called C-TPAT: an initiative of Customs in collaboration with a community of business to ensure the global supply chain.

CUSTOMIZED PRODUCTS



CUSTOMIZED PRODUCTS

The technical department of Borghi Assali is always at disposition to our customers to study special products and personalized applications. Our project team use advanced tools of design and structural analysis system which we are able to satisfy any application of the customers and we create special or custom products for individual applications. We can deal with the customer's problems and we can study the optimal technical solution, both as regards the performance that as regards the costs of production, even for small batches or prototypes. The elasticity and flexibility are our strength, versatility and dynamism allow us to meet the special requirements of customers.

CUSTOMIZED PRODUCTS

288030000
444030000
462020000
462010000

SPECIAL

AGV

FORKLIFTS

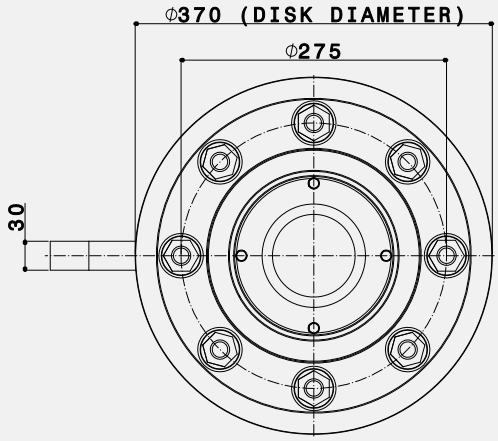
STAKER
MAN ON BOARD

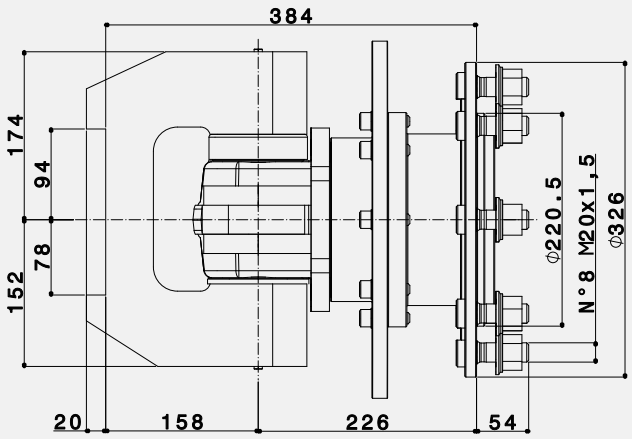
SIDE LOADERS

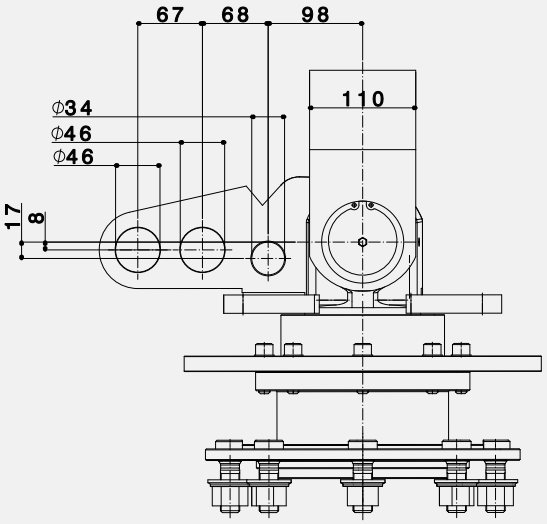
4 WAY LIFT TRUCK

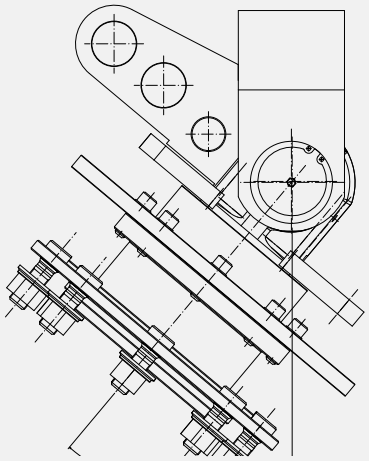
CRANE

288030000







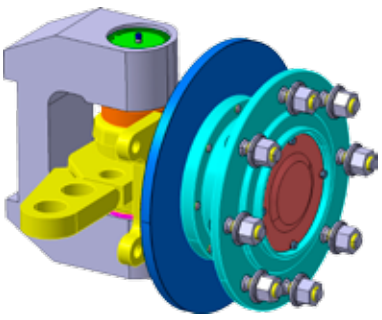


APPLICATION

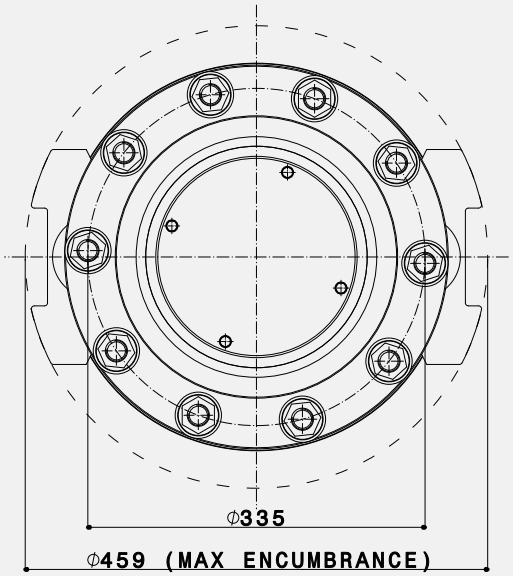
MAX LOAD ON THE AXLE (Kg) 6000

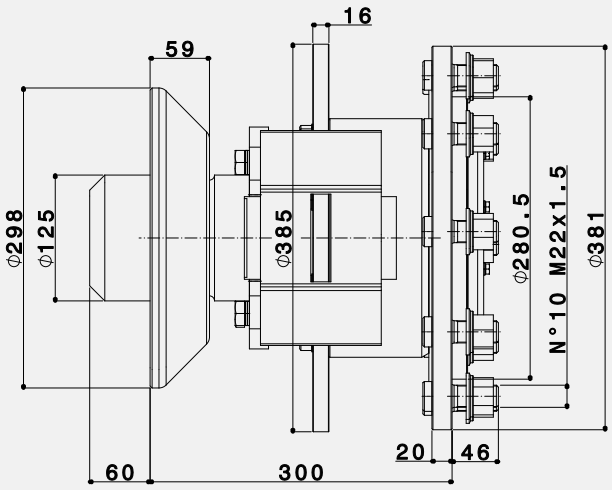
TECHNICAL SPECIFICATIONS

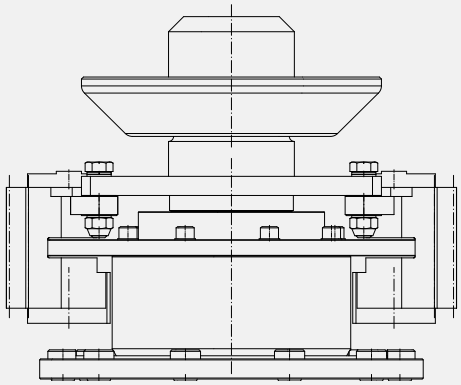
MAX LOAD ON THE AXLE	6000 Kg
MAX ANGLE STEERING	40°

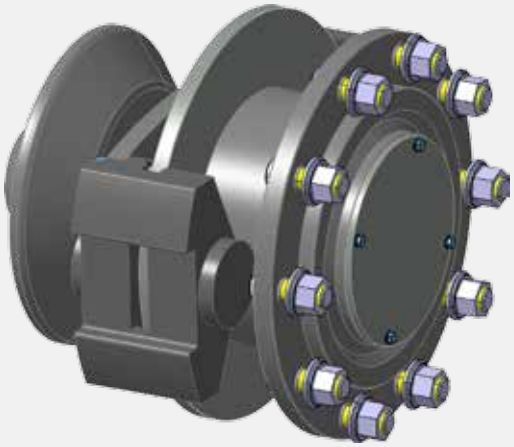


44030000









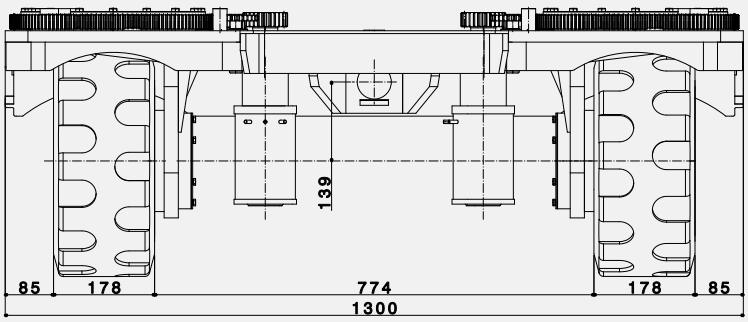
APPLICATION

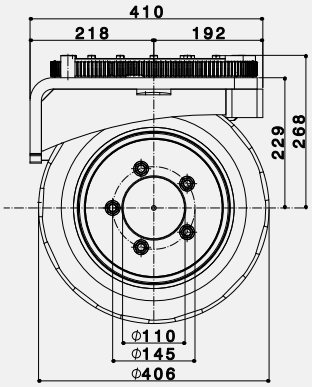
MAX LOAD ON THE WHEEL (Kg) 400

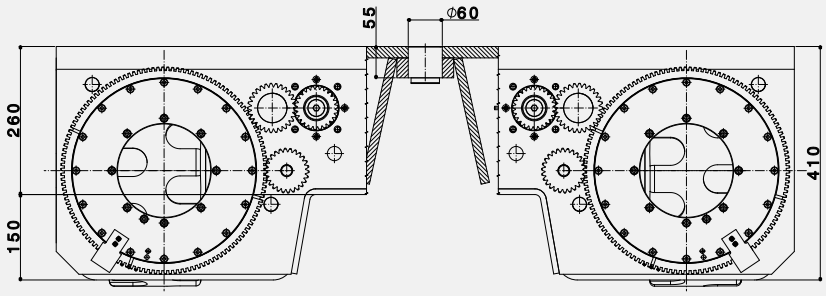
TECHNICAL SPECIFICATIONS

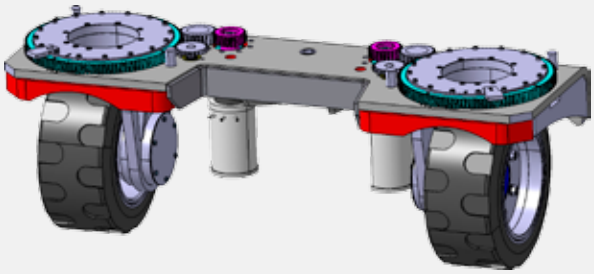
MAX LOAD ON THE HUB	9500 Kg @ 10Km/h
MINIMUM WHEEL	22 inch wheel
TOTAL BRAKING TORQUE	9600 Nm @ 150 bar

462020000









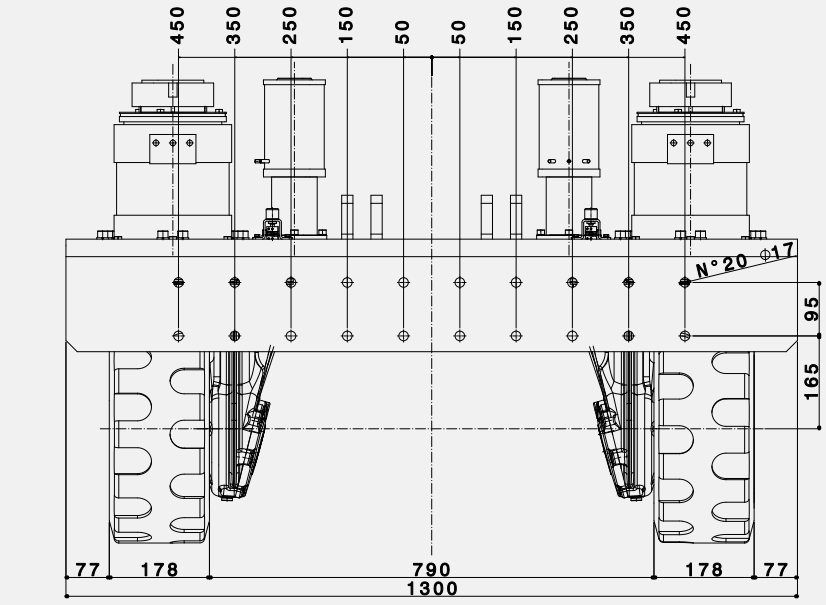
APPLICATION

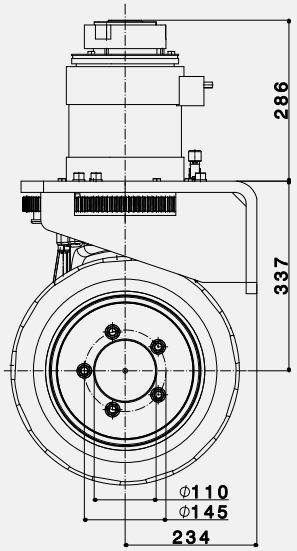
MAX LOAD ON THE WHEEL (Kg) 6000

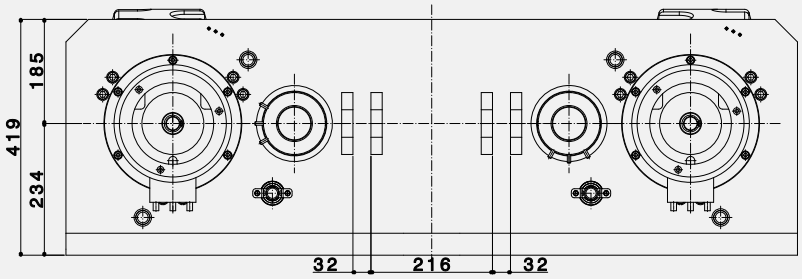
TECHNICAL SPECIFICATIONS

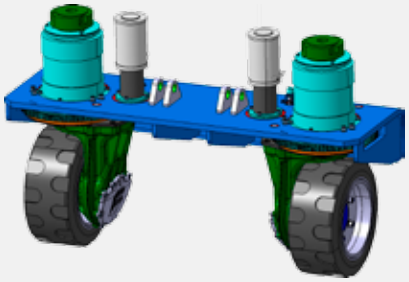
MAX LOAD ON THE AXLE	3000 Kg @ 6 Km/h
TYPE OF TIRE	Cushion 16x7x10,5 (Ø406x178xØ267)
STEERING POWER	2x400W 80V AC
STEERING TOTAL RATIO	1:150
STEERING ANGLE DETECTION	Rotary potentiometer

462010000









APPLICATION

MAX LOAD ON THE WHEEL (Kg) 3500

TECHNICAL SPECIFICATIONS

MAX LOAD ON THE AXLE	3800 Kg @ 6Km/h
TYPE OF TIRE	Cushion 16x7x10,5 (Ø406x178xØ267)
TRACTION POWER	2x4KW 80W AC
TRACTION RATIO	1:25
STEERING POWER	2x400W 80V AC
STEERING TOTAL RATIO	1:150
STEERING ANGLE DETECTION	Rotary potentiometer
ELECTROMAGNETIC PARKING BRAKE	2x40Nm

CONTACT

info@borghiassali.it - sales@borghiassali.it
WWW.BORGHIASSALI.IT

BORGHI ASSALI S.r.l.

Via Caduti di Navicello, 1
41030 Villavara di Bomporto (Modena) Italy
Phone: 059-909412
Fax: 059-909914