

Cinematic S.r.l.

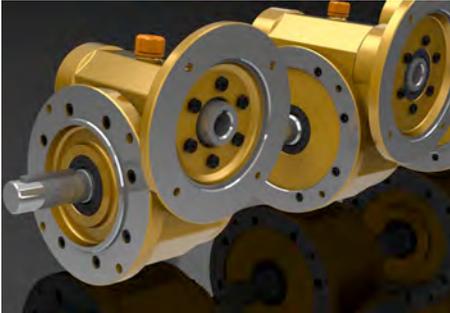


# CRE

## PLANET GEARBOXES

A complete range of products to meet customers requirements.

100% MANUFACTURED IN ITALY

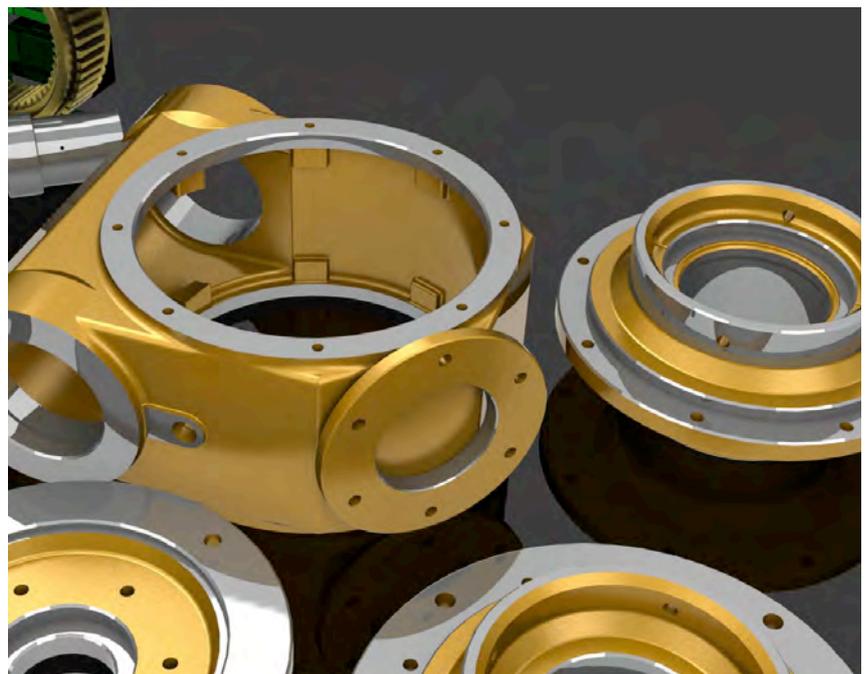


## RELIABILITY AND VERSATILITY

The differential unit is a single stage planetary gearbox with double input which is placed between the main motor and the gearbox in order to get two different speeds at the output shaft.

The two speeds are derived: the first from the main motor through a simple planetary gearbox with the input on the sun gear and the output on the planetary gear; the second from the secondary motor with the input on the planetary wheel through an worm gear set and output on the planetary gear. During the functioning of one of the two motors, the other remains constantly braked, therefore during the motion transmission, the input device becomes a reaction device.

The presence of the worm gear set between the secondary motor and the planetary wheel, together with the chance to modify the gear ratio of the worm gear set allows to achieve different uniform speeds and to change the ratio between main and secondary speeds.



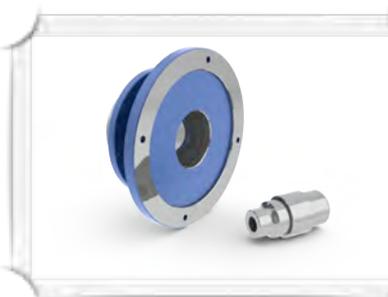


## ENDLESS SOLUTIONS A UNIQUE SERIES

CRE series gearboxes have been designed to meet the most different employment requirements. Its frame has been actually designed in order to be applied to all the different kind of assembly and application, thus maintaining compactness and sturdiness.

- MOTOR INPUTS TO B3-B5
- MOTOR INPUTS TO B5-B5
- WIDE RANGE OF RATIOS

*All this and  
lot more ...*



### VERSIONS WITH MOTOR FLANGE

This type of solution allows the direct application of the main motor, substantially reducing the overall dimensions.

**Series** PAM Flange  
**Model** PAM...



### VERSIONS WITH PRE-STAGE UNIT

This type of solution allows to reduce rotation speed of the worm gear set and to achieve more ratios between main and secondary input.

**Series** Pre-stage unit  
**Model** PR



### APPLICATION ON PARALLEL SHAFTS

The differential unit can be applied on our parallel shafts gearboxes when high reducing ratios and two different driving motor inputs are needed.

**Series** HIGH PERFORMANCE  
**Model** RHP