



ARGO 25
ARGO 60
ARGO 90 **ARGO**

Advanced Reciprocating Gait Orthosis

ARGO - *A d v a n c e d*

ARGO 90

The ARGO 90 provides a real alternative for people who are normally full time wheelchair users but would like to stand, sit and ambulate.

The modular low profile design is quick and easy to assemble, and can be worn unobtrusively under clothing. It is suitable for people to a maximum weight of 90kg.

The benefits of standing and walking for wheelchair users have long been recognised, and include maintenance of joint mobility and bone density in the lower limbs, and improved bladder drainage.

The ARGO 90 incorporates several unique features shared by the rest of the ARGO family, such as a single low friction reciprocating cable and linked hips and knees for easier sitting and standing. Furthermore, the knees incorporate a patented gas strut unit that provides assistance in knee extension and knee lock engagement when standing.



ARGO 60

Imagine an Orthosis designed specifically for older children as they grow to young adults. An Orthosis that's easy to build, maintain and adjust for the growth of the user. Imagine the ARGO 60, which allows low friction reciprocal walking, increased mobility and proven medical benefits.

The system includes hip abduction when sitting, together with the same unique features as the ARGO 90 - pneumatic assistance in standing, and linked hip and knee system to make sitting and standing easy and safe.

The ARGO 60 has been designed for users who are between 60kg and 90kg in weight, utilizing our many years of experience in this field. It is a fully modular Orthosis available with a choice of abduction or non-abduction hips and assisted or plain knees to make the prescription unique to each user.



Reciprocating Gait

ARGO 25

The ARGO 25 is a lightweight modular design that is fitted to custom made Ankle Foot Orthoses, and is suitable for children up to a maximum weight of 25kg, typically in the age group between 2 and 7 years.

It is designed to be easy to assemble and can grow along with the child by using the growth kit. Furthermore it requires little maintenance, and dressing with the Orthosis on is very quick and easy. The gas units contained within the knees on the ARGO 90 and 60 ranges are not necessary for this design.

For children with Spina Bifida, paraplegia or other neuromuscular conditions, the experience of standing up is an important part of their development.

The ARGO 25 may allow them to do this and more, encouraging face-to-face interaction with other children. By providing standing and low friction ambulation, this Orthosis provides the means to achieve so much more than purely wheelchair based mobility can do.

The ARGO 25 has proven health benefits for users, including limiting the development of joint contractures in the lower limbs and stimulating growth in the long bones through weight bearing.



ASSESSMENT ARGOS

The latest additions to the ARGO range are the Assessment ARGOS. A unique concept in ensuring a successful outcome for potential reciprocating orthoses candidates.

Available in all three models as fully adjustable units, they are designed to allow users to experience the unique ARGO features before to committing to a definitive unit.

The assessment ARGOS are supplied in kit form and come complete with all the parts needed to carry out an evaluation to ensure that the user is a suitable candidate. In short – a no risk option when deciding upon the final Orthosis prescription.

The assessment 60 and 90 are supplied with footplates to allow the user to stand wearing their own shoes, which are secured to the plates. The assessment 25 is designed for AFOs to be manufactured locally. The footplates, and all structural components – knee lock cables, back tube and thigh steels – are fully adjustable to allow users of different sizes to be fitted within a clinical environment.

After successfully completing an in-clinic trial, both the user and the clinical team can be confident that the ARGO is the correct choice, and the assessment unit can then be used as a template for the definitive Orthosis.



ORDERING INFORMATION

Access the **Liberating Technology Inc** website at www.liberatingtech.com.

This site will allow you to download detailed parts information[#], measurement forms, technical information and details of spares, small parts kits and tools. Alternatively, call the toll free numbers below to discuss your requirements.

Please use either route to request information on loaner assessment ARGOs.

ARGO's are supplied as a complete kit of parts. It is necessary to order the base kit together with the Back Tube, Hip Drive Cable and where necessary (ARGO 60 and 90 only) Knee Lock Cables and Universal Foot Plates (if these are required).

INDICATIONS

- Spinal Cord injury between Thoracic 4 and Lumbar 3
- Weight is between 15Kg and 90Kg
- Flaccid paralysis of the legs
- Low or no excessive muscle tone (spasticity)
- No significant contractures at hip and knee, feet can be corrected to flat with ankle angles close to 90°
- Motivation to use an upright posture but awareness that it will take time and effort
- Upper body strength adequate to support body weight
- Regular exercise taken to improve endurance and maintain high cardio-vascular condition
- Able to work with a trained treatment team and to provide the time and commitment.
- Experience in a standing frame.

For potential users outside of these limits please request guidance

KIT	Part Number	Also order [#]	Variants weight limits apply
ARGO 25	AR200	Back tube Hip drive cable	N/A
ARGO 60	AR300	Back tube Hip drive cable	Plain Knees, Non-abduction Hips Plain Knees, Abduction Hips
		Back tube Hip drive cable Knee lock cables	Assisted Knees, Non-Abduction Hips, 200N Gas strut Assisted Knees, Non-Abduction Hips, 300N Gas strut Assisted Knees, Non-Abduction Hips, 400N Gas strut Assisted Knees, Abduction Hips,* 200N Gas strut Assisted Knees, Abduction Hips,* 300N Gas strut Assisted Knees, Abduction Hips,* 400N Gas strut
ARGO 90	AR100	Back tube Hip drive cable Knee lock cables	Assisted Knees and Non-abduction Hips, 400N Gas strut only
		Universal foot plates (if required)	* In general, abduction hips are provided to allow self catheterisation



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