

lumbopull 70/72



Semi-rigid high and low corsets, know-how against back pain



Take care feel better

ORTHOSERVICE
ROT TEN

EFFICIENCY AND PARTICULARLY SLIM PROFILE

SUPPORT BY MEANS OF FIRM FIT, THAT IS THE SECRET

The lumbar column sustains constant pressure and, therefore, it is a neuralgic area of the vertebral column. Causes of diverse types of back pain originate from the lumbar area. Be it acute lumbago or postoperative recovery, crucial elements which favour the recovery process are: reduction of the weight which rests on the column, movement limitations and the correct posture. **Lumbopull** achieves these objectives by using physical laws: The corset increases the endoabdominal pressure which on the one hand favours a distension of the vertebral column and on the other creates a completely natural obstacle which limits flexion, distension and rotation movements leaving enough mobility for everyday tasks.



The wide Velcro® surfaces facilitate the fastening of the easy-pull straps in an optimum position. The two front pads are welded together using a high frequency technique.

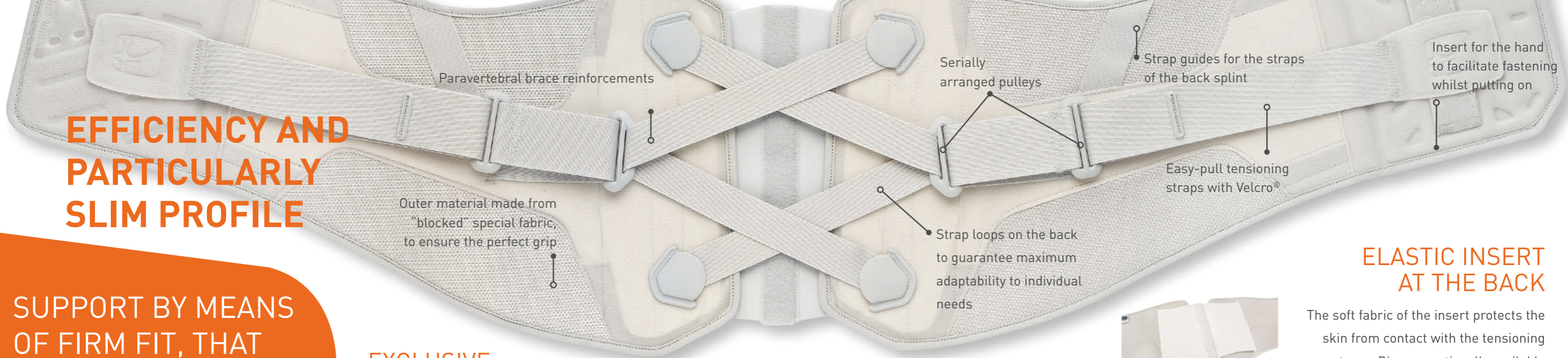


EXCLUSIVE PULLEY SYSTEM

Even for debilitated or older patients, closing the corset is easy and comfortable. Due to its exclusive pulley system and the special fabric the corset has an optimum supporting function. Applying low force produces tensioning forces equaling a tension force four times of the force invested. The tensioning forces are distributed homogeneously along the corset, in this way guaranteeing an optimum stabilising effect. The straps, made from special materials similar to the ones used for safety belts, are flexible and slide through the strap guides smoothly and without friction. They are crossed at the back to increase the supporting capabilities.

ANATOMICAL DESIGN

The corset is designed to perfectly adapt to the body line which, especially in the lumbar region, differs from individual to individual. Thanks to its particular combination of design and material it has a very slim profile, easily adapting itself to the individual anatomy, while guaranteeing efficiency and supporting capabilities.



Outer material made from "blocked" special fabric, to ensure the perfect grip

Paravertebral brace reinforcements

Serially arranged pulleys

Strap guides for the straps of the back splint

Insert for the hand to facilitate fastening whilst putting on

Easy-pull tensioning straps with Velcro®

Strap loops on the back to guarantee maximum adaptability to individual needs

ELASTIC INSERT AT THE BACK

The soft fabric of the insert protects the skin from contact with the tensioning straps. Diverse, optionally available accessories can be attached via Velcro®.



REINFORCEMENTS IN 2 ESSENTIAL POSITIONS

The corset comes with two new reinforcements: in order to increase the rigidity and the supporting capabilities of the belt a slim polymer reinforcement is integrated into the belt, optimum wearing comfort is guaranteed by cut-outs at the upper and lower end of the belt and the soft velour in these areas. At the back, a stronger reinforcement ensures greater stability and better supporting capabilities.

NON-ELASTIC COMFORT-MATERIAL

The materials have been carefully selected, to fulfill a number of roles simultaneously: the "blocked" outer material is non-elastic and crease-resistant, to ensure maximum grip of the corset. On the inside, in direct contact with the skin, a 3D mesh fabric provides breathability and wearing comfort. The seam is non-elastic and particularly thin.

SMALL AND LARGE LUMBAR PAD (OPTIONAL)



In case it is necessary to increase the rigidity in the back region, it suffices to attach the 2 optional lumbar pads to the corset using the corresponding Velcro® fastenings. Thermoformed and covered with the same soft fabric which is used for the soft insert, the pads can be modelled when warm. In this way they can be adapted perfectly to the lumbar area.

DORSOPULL: FROM CORSET TO DORSOLUMBAR BRACE

In case of pathologies which also affect the thoracic spine the corset can be easily reconfigured to obtain a dorso-lumbar brace by mounting the optionally available back splint **Dorsopull** on the corset. **Dorsopull** is made of padded fabric and reinforced internally with self-modelling aluminium struts and a rigid frame. Using **Dorsopull**, the resulting triangle of pressure on the thoracic spine and counter pressure on the shoulders and the hip not only supports the vertebral column, but also favours the return to a physiological posture. If necessary the rigid inner frame can be removed so that the column is only supported by the self-modelling struts. The shoulder straps are crossed on the back, padded and can be adjusted as well.





lumbo pull 70/72

Low/high corset made from firm fabric with easy-pull tensioning straps

lumbo pull 70

(low corset)

REF. 90070

Size	S	M	L	XL
Pelvic circumf. cm	70/85	85/100	100/115	115/130
Front height cm	16	16	16	16
Back height cm	26	26	26	26

lumbo pull 72

(high corset)

REF. 90072

Size	S	M	L	XL
Pelvic circumf. cm	70/85	85/100	100/115	115/130
Front height cm	20	20	20	20
Back height cm	31	31	31	31

dorsopull 74

(back splint)

REF. 90074

Size	XS	S	M	L
Distance T1-L5 cm	35/41	41/47	47/54	54/61

pad 10

(small lumbar pad cm 24 x 23)

REF. 70010

pad 20

(large lumbar pad cm 24 x 31)

REF. 70020



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INDICAZIONI

Lumbopull70/72

- Lumbago
- Sciatic lumbalgia and lumbar cruralgia
- Spondylarthrosis and lumbar discopathies
- Slight traumas to the lumbosacral column and paravertebral lumbar contractures
- Post-operative recovery
- After-effects of stable compression fractures of lumbar vertebrae

- Treatment of fractures to transverse processes
- Lumbo pull 72 only: Degenerative lumbar scoliosis
- Lumbo pull 72 only: Spondylosis with or without vertebral listhesis

Dorsopull74

- Back pain due to arthrosis or kyphosis
- After-effects of fractures of dorsal vertebrae and/or upper lumbar vertebrae
- After-Effects of stable compression fractures of the dorsal spine due to osteoporosis or metastasis



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