

Photon MLC

Dynamic add-on Multileaf Collimator for all LINAC models

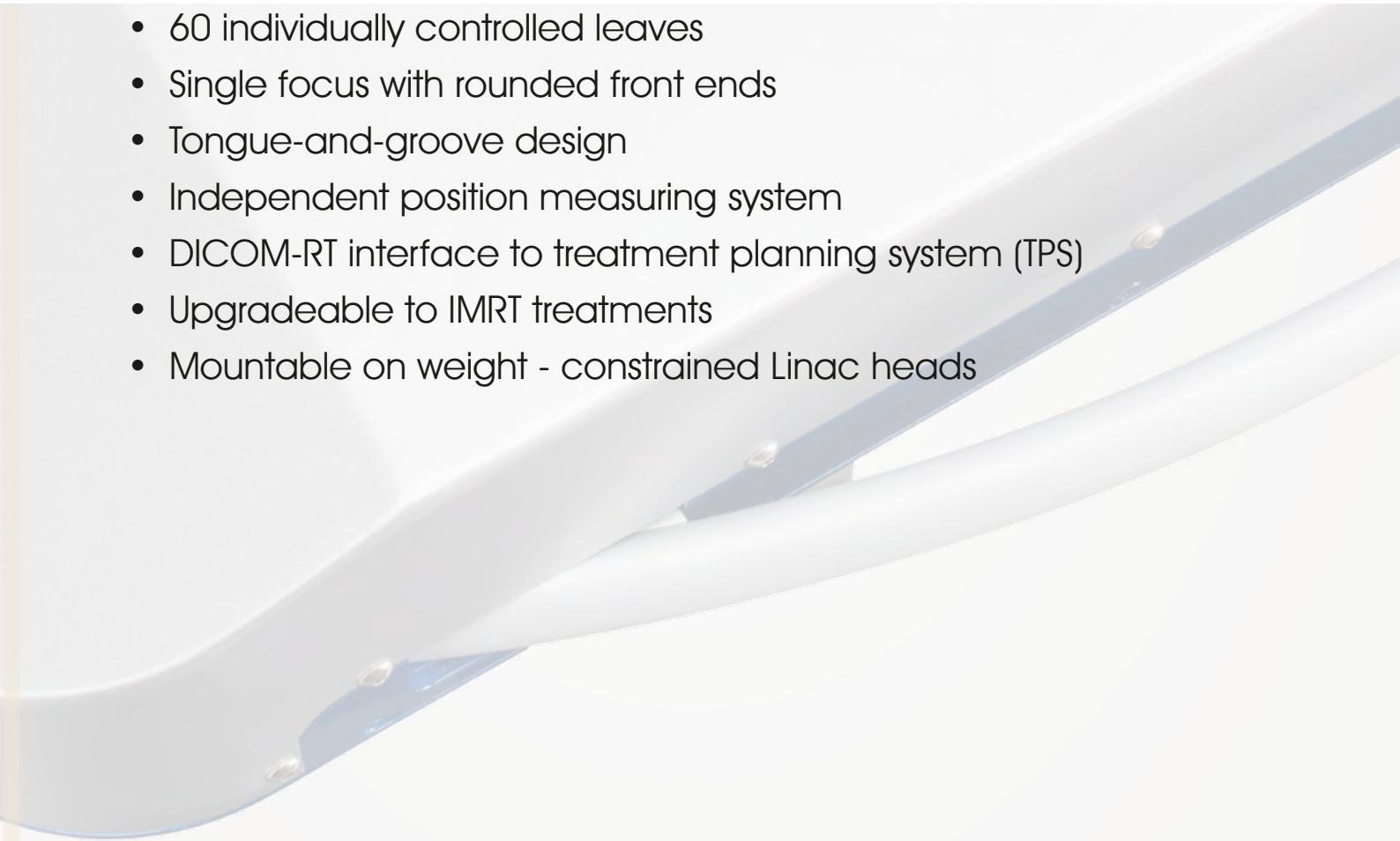


P.E. COLLIMATORS



Features

- 60 individually controlled leaves
- Single focus with rounded front ends
- Tongue-and-groove design
- Independent position measuring system
- DICOM-RT interface to treatment planning system (TPS)
- Upgradeable to IMRT treatments
- Mountable on weight - constrained Linac heads



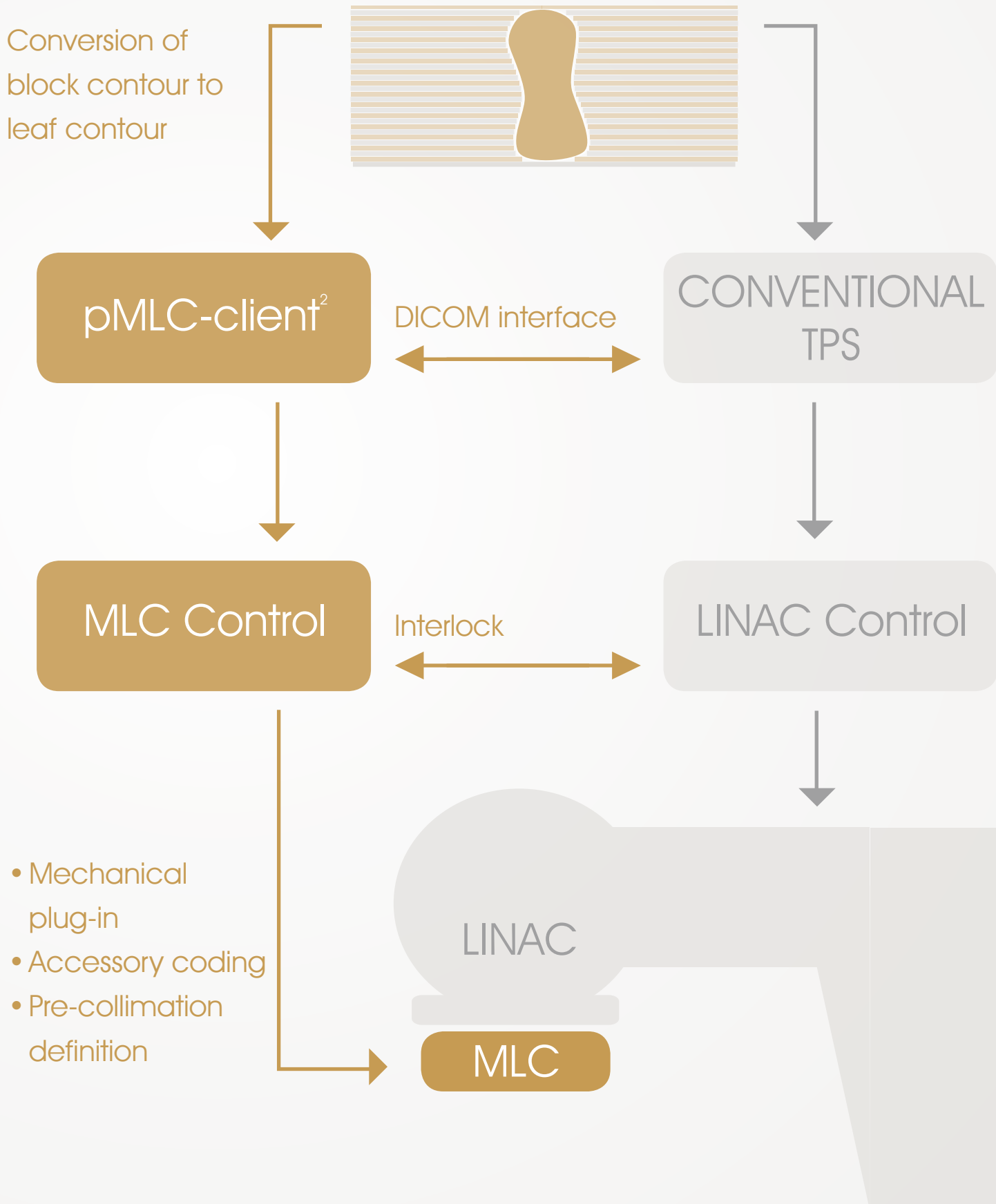


Specs & Dimensions

<i>Linac models:</i>	All common LINAC vendors
<i>Total height:</i>	12 cm
<i>Total weight:</i>	45 kg
<i>Field size:</i>	up to 21 cm x 28 cm (physical field size 10 cm x 15 cm) ¹
<i>Number of leaves:</i>	60
<i>Leaf height:</i>	63 mm
<i>Leaf resolution:</i>	7 mm - 9 mm ¹ (physical leaf resolution 5 mm)
<i>Leaf material:</i>	Tungsten
<i>Absorption:</i>	> 98 %
<i>Cross travel:</i>	50%
<i>Interdigitation:</i>	yes
<i>Communication:</i>	DICOM-RT control interface / Beam on/off
<i>Mounting:</i>	supporting trolley for easy 180° mounting available
<i>Developed, manufactured, tested and CE – certified in:</i>	Germany

¹ Depending on LINAC type/ mounting position

Integration into clinical infrastructure



² pMLC-client with DICOM-RT interface to TPS

About us

P.E. Collimators is the joint company of Precisis AG and Euromechanics medical GmbH, created to provide affordable Multileaf Collimators (MLC) for the radiotherapy world.

With P.E. Collimators we meet the demand by a growing international group of Linac and Cobalt-60 users with special add-on MLC requirements.



Founding companies

Precisis^{AG}



PARTNERS: We partner with Germany's top institutions in the fight against cancer.

dkfz. GERMAN
CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION

Summary

Upgrade your
Linac to modern
MLC based
treatment



- DICOM-RT interface
- Available with adapters to Elekta, Varian, Siemens
- Perfect balance of fine leaf resolution and large field size
- Great performance for better patient outcome
- High leaf speed for short treatment times
- 3D-CRT and step&shoot IMRT

Not for sale or distribution in every country



Hauptstr. 73, 69117 Heidelberg, Germany
Phone: +49 6221 655 9329
Telefax: +49 6221 655 9310
www.pe-collimators.com
info@pe-collimators.com