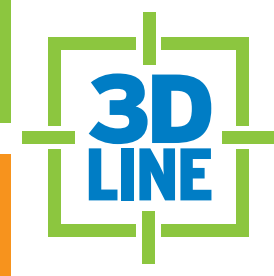


DYNART/DMLC.
Dynamic. Micro-Multi-Leaf-Collimator.



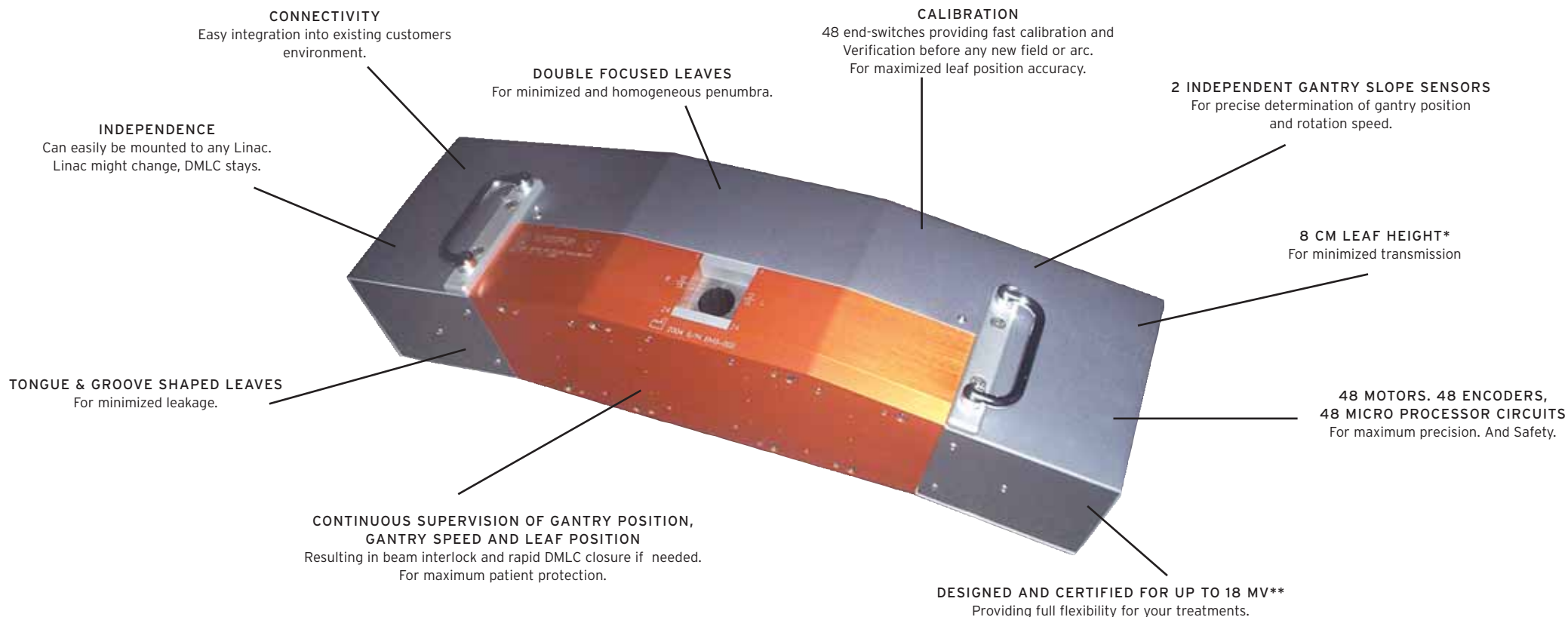
medical systems

DYNART/DMLC. Dynamic. Micro-Multi-Leaf-Collimator.

The 3D Line DMLC family is the first to upgrade any Linac to perform IMRT at its fullest extend - Dynamic Arc Modulation IMRT! Of course the DMLCs can also perform conformal treatments and therefore present the most versatile technology available today, also fulfilling all SRS requirements.

3D Line Medical Systems has developed 3 different kinds of DMLCs: L'Arancio with 3mm, L'Azzurro with 5mm and Il Verde with 7mm leaf thickness at isocenter. Providing just one leaf thickness per DMLC enables you to gain a larger homogeneity in target shaping and

sparing critical volumes. Using the same hard- and software interfaces all units can be easily exchanged in no time. Some of the main features and characteristics of the DMLC family are listed below:

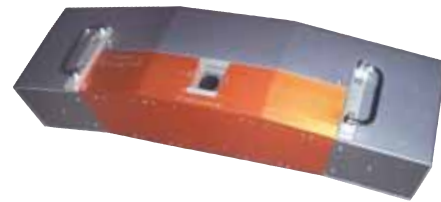


* Il Verde has 7 cm leaf height ** Il Verde up to 6 MV

DYNART/DMLC.

Dynamic. Micro-Multi-Leaf-Collimator.

L'ARANCIO



L'AZZURRO



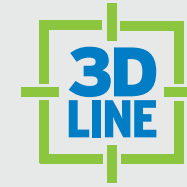
IL VERDE



TECHNICAL SPECS

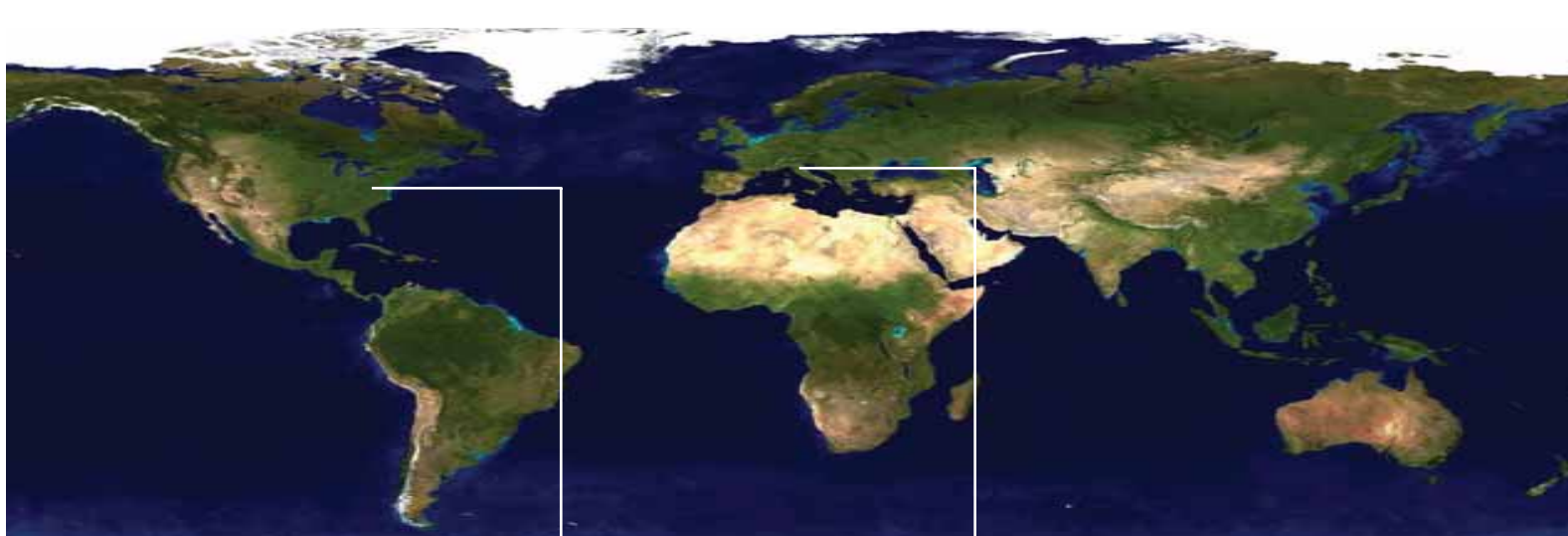
Leaf Size at Isocenter*	3 mm	5 mm	7 mm
Real Leaf Size	1.9 mm	3.3 mm	4.6 mm
Field Size at Isocenter*	7x7 cm	10x12 cm	10x17 cm
Weight	30 Kg	35 Kg	40 Kg
Transmission	0.5 %	0.5 %	0.7 %
Leaf Height	8 cm	8 cm	7 cm
Dynamic	Yes	Yes	Yes
Design	Double Focused	Double Focused	Double Focused
Leaf Speed	1.5 cm/s	1 cm/s	0.7 cm/s
Certified for up to	18 MV	18 MV	6 MV

* Approximate Value, depending on your linac



medical systems

3D LINE. MEDICAL SYSTEMS. Where we are.



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