

Circleg One - Technical Information



circleg.world/products

Intended user / purpose

The intended users are adult and young adult lower limb amputees. The system is meant for amputees of activity levels K1, K2, K3 (high K1 to low, mid K3).

>>> Its unique characteristics allow K1 users to advance more easily to higher mobility levels, while also giving K2 and K3 users the required energy return and propulsion for their needs. Given its height the foot is only appropriate for amputations of a minimum height of of ~23cm. The system is not recommended for bilateral transfemoral users.



Intended user

Amputation level	Transtibial & transfemoral
Activity level	K1, K2, K3
Height	150 - 190 cm
Weight	40-110 kg

Weight limits

These are the weight limits for all our components:

Component	P-Level (ISO 10328)	Weight Limit*
Foot S	P3	70kg
Foot M	P4	90kg
Foot L	P5	110kg
Knee	P5	110kg
Pylon	P5	110kg

* Note: Our indicated weight limits are not exactly the same as described in the norm. ISO 10328 explicitly allows to indicate another weight limit (chapter 21). The structural test results show that the Circleg is exceeding the minimum strength requirements. Therefore we feel comfortable to increase the weight limit by 10kg for all components.