

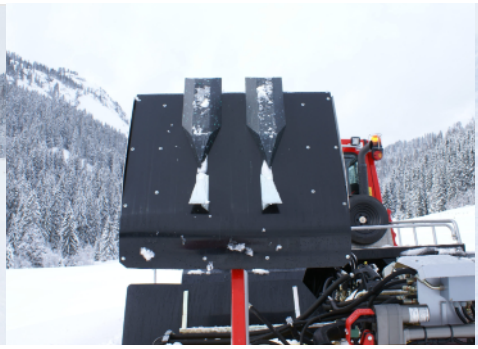
VarioTrackDesigner

Perfect ski-trails for all.

www.pistenbully.com

PistenBully®

VarioTrackDesigner


Preparation of cross-country ski-trails calls for a great variety of abilities. Do you prepare ski-trails for professional competition athletes or maintain a network of ski-trails for popular sport? Do you create special cross-country ski-trails for children? All these tasks can be now completed by one single device!

The VarioTrackDesigner track tiller is the new all-rounder to prepare the world's cross-country ski-trails!

The VarioTrackDesigner is a track tiller that prepares the snow directly in front of the track-setting pan. Working in unison with the snow tiller, the VarioTrackDesigner ensures the creation of perfect ski-tracks. And it is also economical, because the snow tiller grooms the surface of the ski-trail, whereas «only» the VarioTrackDesigner - working at speeds of up to 2,000 rpm - goes deeper into the snow, loosening even extremely icy ski-trails. If the track tiller isn't required, no problem - it can be raised hydraulically. The VarioTrackDesigner's track-formers can be electrically adjusted from the cabin. This feature enables you to effortlessly prepare special ski-trails for children by simply adapting the track width to the children's needs and requirements. Or you can easily make the track wider if the ski trails go downhill, thus providing the cross-country skier with more grip when descending. The track tiller follows this adjustment automatically.

Furthermore, the new VarioTrackDesigner allows you to adjust the track distance. The right-hand track-setting pan can be electrically moved by 600 mm.

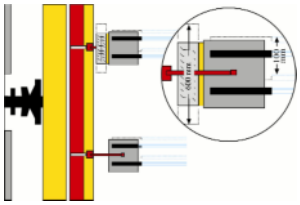
The VarioTrackDesigner is available either for both track-setting pans or for the right-hand track-setting pan only (left-hand track-setting pan remains standard).

Mode of operation:

When grooming ski-trails, each track-setting pan and the integrated VarioTrackDesigner can be controlled independently from the driver's seat at the touch of a button, enabling you to decide how many track-setting pans to use when forming your ski-trail: two parallel tracks, or a single track with enough space alongside for skating.

Design:

The lifting arms have silent rubber bearings and ensure that the track-setting pans plot an accurate course, even when negotiating bends. The central, multi-directional, rubber-mounted crosshead linkages of the track-setting pans on the lifting arm compensate for uneven ground. The highly abrasion-resistant and electrically adjustable ski-track formers are made of snow-repellent plastic, and their work is aided by two steel pre-cutters. The VarioTrackDesigner, ski-track formers and pre-cutter are attached to the pan, which is made from aluminium with a snow-repellent coating.

VarioTrackDesigner	
suitable for all PistenBully 100 models:	
Working width of snowtiller:	2,500/ 2,800/ 3,100 mm
Track tiller with 2 electrically adjustable tiller shafts.	
Working width of a tiller shaft:	140 mm
Tilling depth of track tiller:	50 mm
Max. speed of track tiller:	2,000 rpm
	
Distance of track former:	260 - 360 mm (electrically adjustable)
Track distance:	1,200 - 1,800 mm (electrically adjustable)
VarioTrackDesigner»Competition»	Double track-setter with VarioTrackDesigner in front of the right-hand track-setting pan, with lateral adjustment of the track-width and of the right-hand track-setting pan
VarioTrackDesigner «Classic»	Double track-setter with VarioTrackDesigner in front of both track-setting pans, with lateral adjustment of right-hand pan, without adjustment of the track-width

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