



# CONTROLS AND FRONT HITCH FOR CHALLENGER TRACTOR

MT 700B - MT 700C

*Rugged design  
... for use without any restrictions*



HDIT



A unique expertise in front hitch integration has allowed LAFORGE to design the **HDIT front hitch system** - with a lift capacity of 6000 Kg (13 200 lbs) - to assure maximum output from the front end of CHALLENGER MT 700B and MT 700C tractors.

The frame for this hitch system is designed to allow for any type of application up front: From simply carrying weights to the most demanding tillage tool. All while protecting the integrity of the tractor. **Being able to use double-acting hydraulics was an important criterion in the concept.**

Another focus has been to integrate the hitch as much as possible with the tractor design. In particular it was important to keep the hitch points close to the front of the tractor. Close attention was also paid to maintaining access to service points as well as forward visibility.



*Side-view shows the compact design*



The patented frame design supports the hitch, and distributes loads generated by pushing or lifting an implement, as well as lateral loads.



*HDIT front hitch with optional DYNA CONTOUR<sup>®</sup> attached to a UNIPASS<sup>®</sup> front sub-soiler*



*The lower reinforcing frame maintains crop clearance*

This front hitch for CHALLENGER MT 700B and MT 700C is available with the optional **automatic control system**: DYNA CONTOUR<sup>®</sup>, LAFORGE's exclusive automatic control (Gold Medal SIMA 2005). It corrects the front hitch position of the front hitch on-the-go, by sensing the length of the upper link. With DYNA CONTOUR<sup>®</sup>, field contour following is achieved with no adjustments required. The ASA-function (Automatic Sequencing Activation) makes it possible to integrate front hitch functions with the tractor's built-in headland management system.



Check maximum axle load (in relation with travel speed) with CHALLENGER.  
LAFORGE's responsibility is limited to our product. Specification and design subject to change without notice. 10/09

LAFORGE SARL  
Pôle d'Activités  
02190 GUIGNICOURT  
(France)

Ph: 33 323 798 585  
Fax: 33 323 798 175  
commercial@laforge.fr  
www.laforge.fr

LAFORGE SYSTEMS, INC  
4425-C Treat Blvd, Suite 230  
CONCORD - CA 94521  
(USA)

Ph: (925) 827 2010 - 1 800 422 5636  
Fax: (925) 689 7198  
lars@fronthitch.com  
www.fronthitch.com

*The tractor - implement interaction expert*