

WALTER INFO 17/2018

# BOOSTER BOX

Increased efficiency for  
HELITRONIC TOOL STUDIO

**NEW**

Multi-Licence:  
Up to 4 machines  
use 1 Booster Box



## Benefits

The Booster Box for WALTER CNC grinding machines with HELITRONIC TOOL STUDIO from version 2.0 dramatically reduces tool design times and thus increases the productivity of your machines. This is the new benchmark for flexibility and productivity in tool machining.



# Booster Box

The Booster Box is an ultra-fast computing device specially developed for use with WALTER grinding machines which dramatically reduces secondary process times. It is the ideal solution to optimize the tool design times.

Whether it is simulation, repositioning, updates or collision checking – all these calculation steps are accelerated, thus increasing the efficiency of your WALTER grinding machine.

To use the Booster Box for multiple machines (Multi-Licence), simply select the specific machine.

## How can you take advantage of the Booster Box?

- You possess a WALTER grinding machine with Andron HMC 500 control: upgrade to the XP operating system and installation of HELITRONIC TOOL STUDIO 2.0 required.
- You possess a WALTER grinding machine with Andron HMC 600 control: only installation of HELITRONIC TOOL STUDIO 2.0 required.
- You possess a WALTER grinding machine with FANUC control 31i A5: only installation of HELITRONIC TOOL STUDIO 2.0 required.

## Benefits

- Productivity boost – fast calculations of all tool design procedures.
- Temporal optimization of ID numbers directly on the machine – separate installation on PC not required.
- Automatic switching – even with different HELITRONIC TOOL STUDIO versions on the machines, Booster Box uses the installed version automatically.

## Please contact us for further information:

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## Real-world example 1:

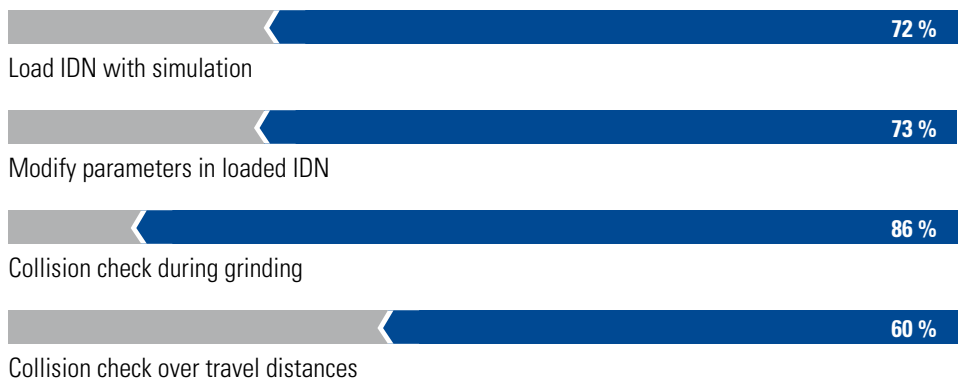
Design of end milling cutter, unequal deviation, with 2 different core diameters.

	Without Booster Box		With Booster Box	
	HMC 500 with XP	HMC 600	HMC 500 with XP	HMC 600
Load IDN with following simulation	8,8 s	8,0 s	1,5 s	1,6 s
Modify parameters in loaded IDN (for 4 changes)	13,2 s	13,2 s	3,6 s	3,6 s
Collision check during grinding	2,9 s	2,9 s	0,5 s	0,2 s
Collision check over travel distances	0,5 s	1,1 s	0,2 s	0,2 s
<b>Total Time</b>	<b>25,4 s</b>	<b>25,2 s</b>	<b>5,8 s</b>	<b>5,6 s</b>

Extra time required without Booster Box: 19.6 seconds.

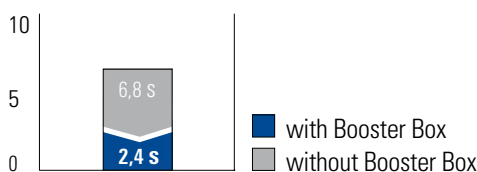
Time saving with Booster Box: 77% / 78%.

## Average time saving (in per cent) with the Booster Box:



## Real-world example 2:

Collision check over travel distances for stepped drill bit in seconds



## Booster Box dimensions

approx. 350 x 220 x 195 mm (L x W x H)

