

RD-HSII/EN

Subject to change.

Some photographs show optional equipment.



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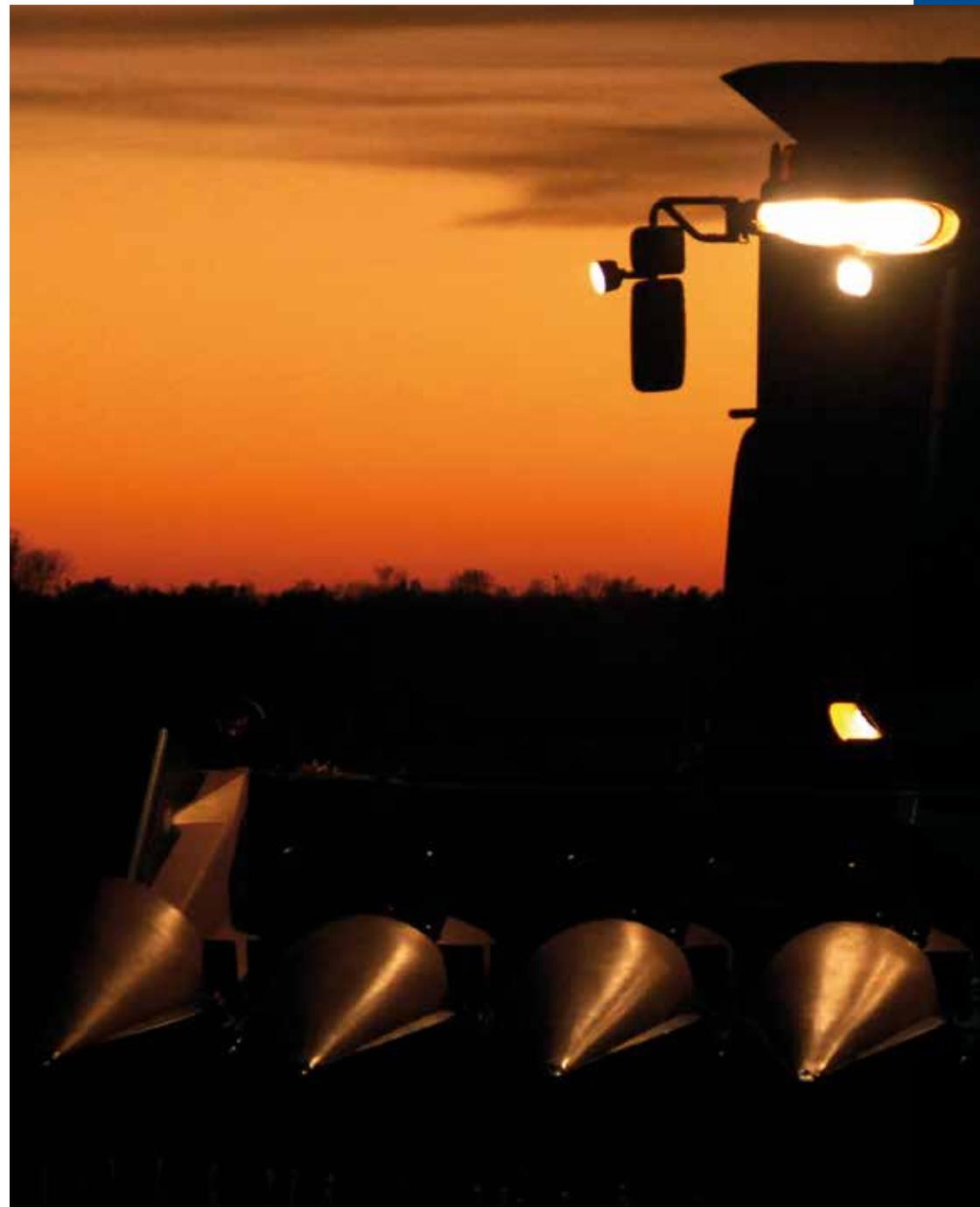
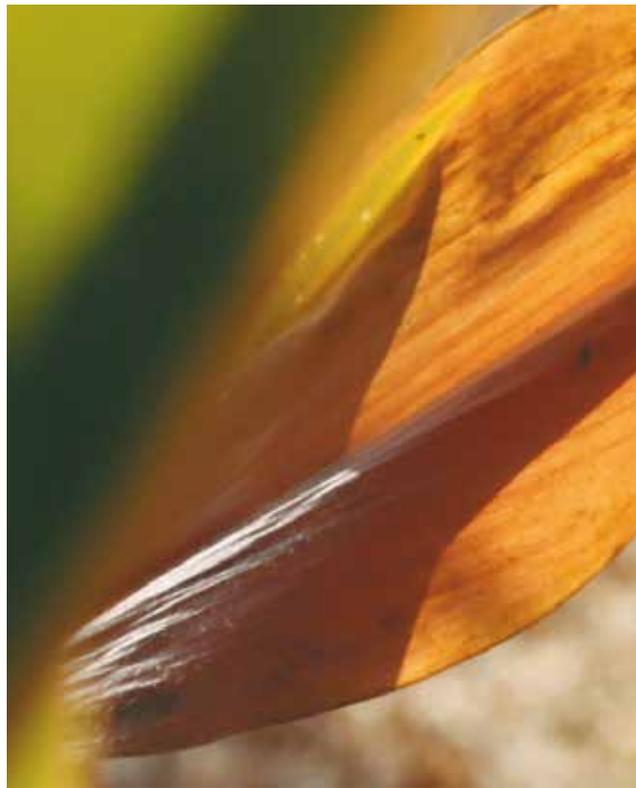


# GERINGHOFF

## ROTA DISC® | Horizon Star® II

 English





# EACH FIELD IS UNIQUE.

That is why Geringhoff ensures maximum flexibility in the development and production of Geringhoff harvesting headers, making your harvesting more reliable and more efficient, to offer the perfect way to harvest. Geringhoff has been producing corn headers for over 55 years and has been asking itself the following question from the very start: How should a corn header be built in order to be as useful as possible on cornfields around the world? So that it complies with your needs. So that it meets your maximum performance requirements.

# CUSTOMIZED HARVESTING TECHNOLOGY





## ALWAYS AT THE RIGHT HEIGHT

A particularly high crop throughput is optimally supported by the height-adjustable auger. Changing conditions can thus be quickly and easily compensated for. The auger's large diameter allows very smooth crop conveyance without sacrificing performance.

### Your advantages:

- \* Protects the crop
- \* Ensures maximum throughput
- \* Smooth and quiet running characteristics
- \* Quick and easy adaptation to harvesting conditions

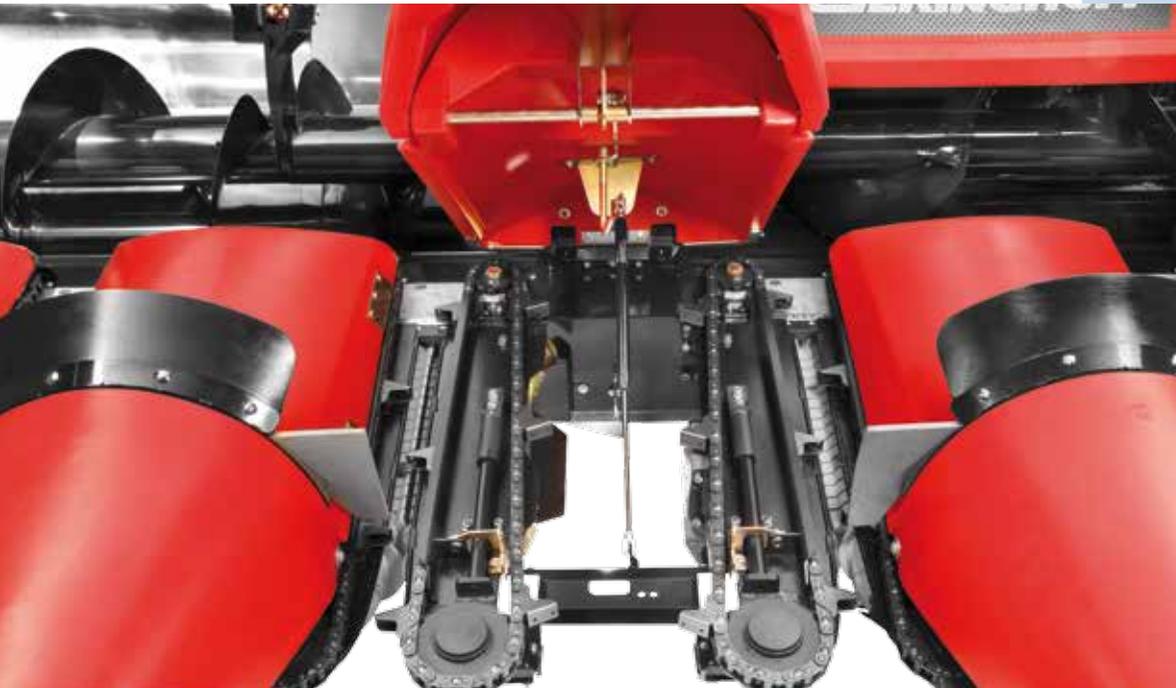


## FORM AND FUNCTION UNITED

Form and function work together harmoniously in the auger trough. Its design facilitates the smooth conveyance of the plant to the combine harvester and provides a high intake capacity so that even the heaviest crop effortlessly finds its way into the threshing unit without being damaged. A high proportion of aluminum components also lowers the weight of the whole machine.

### Your advantages:

- \* Facilitates maximum throughput
- \* High intake capacity
- \* Low weight
- \* Protects the crop
- \* Even feeding of the threshing unit



MORE TIME FOR THE

## LOCKED IN PLACE

### Features:

- \* Light and durable poly covers
- \* Excellent sliding properties for low-vibration directing of plants to the row units
- \* Gas pressure shock absorbers for putting the covers up
- \* Mounting and dismounting possible without tools

### Your advantages:

- \* Easy access for service and maintenance
- \* Reliable securing of the pistons
- \* Minimization of losses
- \* Optimal protection against foreign objects



# THE ESSENTIALS



## COMPLETE CONTROL

### Features:

- \* Display of operating hours and state of deck plates
- \* Display of rotation speed
- \* Switches between deck plate adjustment and folding function
- \* Control of the selected function via the combine harvester's reel control
- \* Two versions: for rigid and folding machines

### Your advantages:

- \* Quick checking of operating condition of the combine harvester drive
- \* Easy monitoring of the deck plate setting and changes
- \* Quick access to all functions



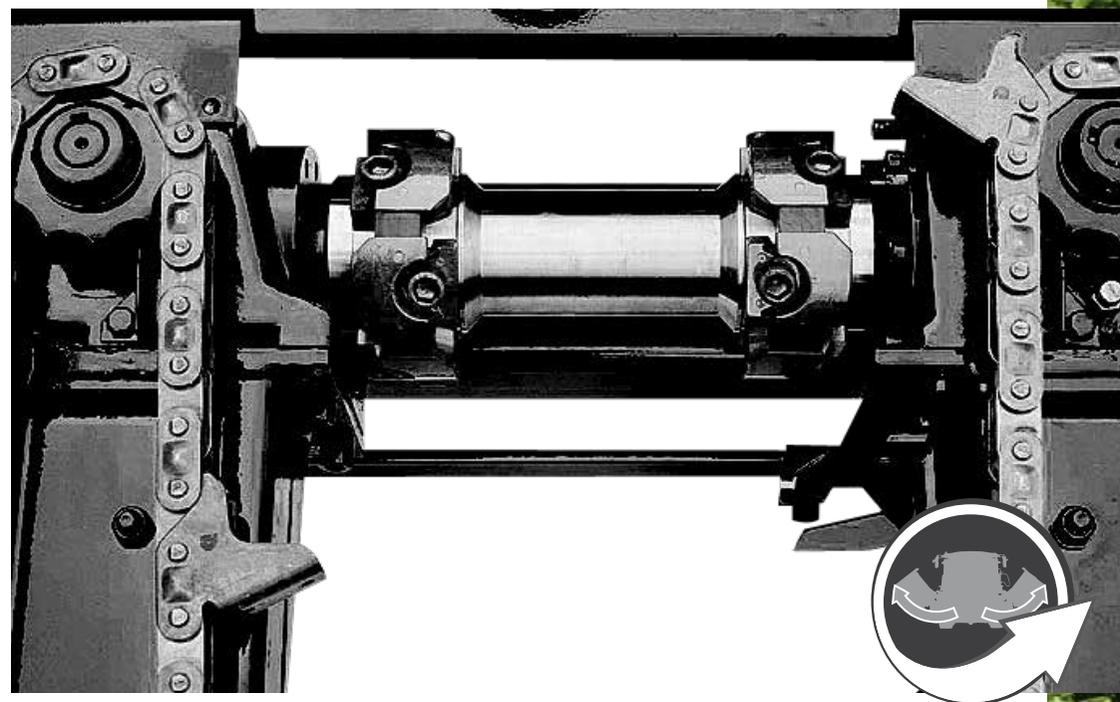
## WHAT A DRIVE: THE GERINGHOFF TRANSMISSION

Great performance requires exceptional drives.

The tried and tested Geringhoff gearbox systems are powerful and operate without slippage. The corn header's easy reversing, its superior service life, as well as minimal maintenance and great flexibility when changing combine harvesters are all arguments in favor of Geringhoff.

### Your advantages:

- \* Maximum operational reliability
- \* Minimal machine downtime
- \* Powerful and yet with low power demand
- \* Low maintenance
- \* Drive without chains and belts
- \* Easy reversing
- \* Long service life

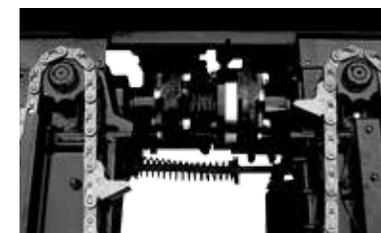


## SECURELY CONNECTED: SYSTEMATIC FOLDING

Maintenance-free, vibration-damping couplings between rows ensure trouble-free and powerful operation.

### Your advantages:

- \* Maintenance-free couplings
- \* Outstanding power transmission
- \* Maximum operational reliability and machine running time



The folding row connections are equipped with self-locking, flexible couplings.



## QUICKLY FROM FIELD TO FIELD

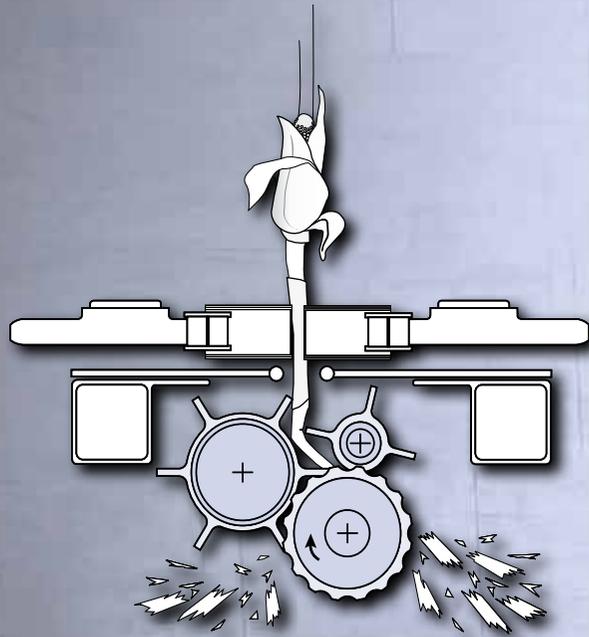
The advantage of folding headers for road transport is undisputed. Even more interesting is the savings effect: shorter set-up times allow greater productivity. Changing from transport to harvest position

takes only 1-2 minutes and is done at the push of a button. The folding versions of Rota Disc® and Horizon Star® II are also supplied as standard with an automatic and self-locking drive coupler that enables full

use of the combine-specific lateral tilt compensation and thus removes the need to attach the drive shaft by hand.

### Your advantages:

- \* Very short setup times and extremely fast conversion
- \* Fully automatic, convenient control right from the cab
- \* Automatic drive couplers for maximum operational reliability



## ROTA DISC®

Rota Disc® combines gentle and low-loss stripping with a high-efficiency chopping technology. Two header rotors pull in the corn plants while the integrated cutting rotor with its 15 rotary knives does an excellent job of chopping the plants up. The effectiveness with which the plants are chopped and broken down into fibers is greatly increased by the fact that the cutting rotor rotates against the feed direction of the plants.

Rota Disc® – the perfect combination of high harvesting performance and perfect chopping technology. A real advantage for the farmer.

## System details

- \* Two-rotor harvesting system
- \* Rotating cutting rotor with 15 self-sharpening rotary knives
- \* Integrated stubble chopper
- \* Gentle gathering
- \* Easy maintenance and replacement
- \* Low-wear
- \* Optimal holding of the plants, even in difficult conditions

### 1 Drive

- \* Maintenance-free oil-immersed gearboxes
- \* Lightweight and high-strength aluminum alloy
- \* Oil-immersed slip clutches for the header rollers

### 2 Gathering chains

- \* Extremely sturdy and low-wear gathering chains
- \* Gathering chain guard to protect against foreign objects
- \* Quick-change system using Gerhingoff chain wrench minimizes maintenance effort

## Design

- \* Frameless and weight-saving
- \* All components attached directly to gear box
- \* Simple, easy-to-service design
- \* Header rows may be individually replaced if necessary

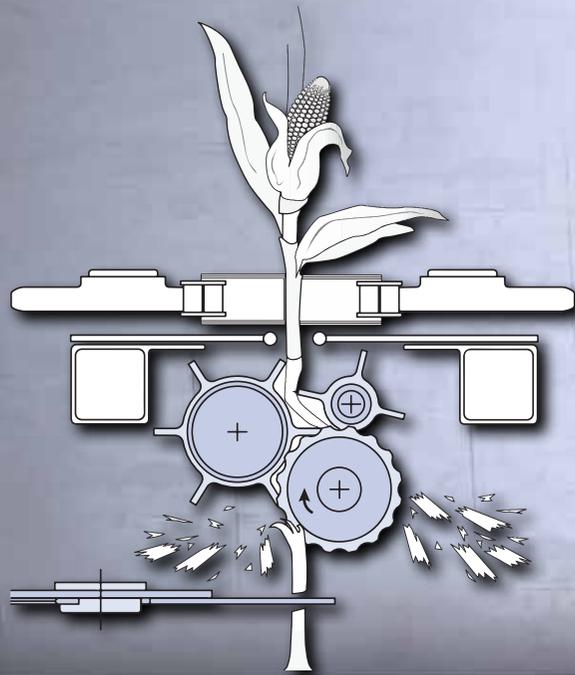
### 3 Deck plate adjustment

- \* Hydraulic opening and closing of the header deck plates
- \* Full control from the cab
- \* Continuous, precise and rapid control of deck plate setting
- \* Helps minimize losses and promotes ideal harvest results
- \* Self-cleaning system upon opening

### 4 Automatic chain tensioner

- \* Gathering chains automatically tensioned for lifetime use
- \* No time-consuming readjustment
- \* Maximum operational reliability





## HORIZON STAR® II

The Horizon Star® II complements the advantages of the ROTA DISC® Principle with a rotating horizontal stubble chopper.

The combination of harvesting, stripping and chopping technology defines the Horizon Star® II as an outstanding header. The horizontal stubble chopper ensures short stubbles, excellent pest control and a clean harvest.

## System details

- \* Two-rotor harvesting system
- \* Rotating cutting rotor with 15 self-sharpening rotary knives
- \* Integrated stubble chopper
- \* Gentle gathering
- \* Easy maintenance and replacement
- \* Low-wear
- \* Optimal holding of the plants, even in difficult conditions

## Features

- \* Very good straw chopping
- \* Very good corn straw distribution
- \* Short stubble
- \* Knife holder includes foreign object shielding device
- \* Additional skids to avoid ground contact
- \* No need for extra mulching or re-chopping



## Horizontal chopper

- \* Specially coated, self-sharpening chopper blades
- \* Drive via the series gearbox
- \* Chopper position optimized for short stubble and high hectare performance



## QUITE THE SIGHT

Threshing with the horizontal chopper results in a clean harvest with closely-cropped stubble and good straw chopping. This protects the soil and creates optimal conditions for the next harvest.



## LESS STEPS

There is no longer any need for extra mulching or re-chopping and tilling can begin without delay.



# Well equipped for all eventualities: the extras



## GEARBOX

- \* 4-speed gearbox that can be retrofitted
- \* Rotational speeds optimized for corn and sunflower harvesting



## ACTIVE SUNFLOWER KIT

- \* Additional equipment that lets you use your Geringhoff corn header for sunflower harvesting
- \* Choice of system depends on harvest area and ripeness



## PASSIVE SUNFLOWER KIT

- \* Additional equipment that lets you use your Geringhoff corn header for sunflower harvesting
- \* Choice of system depends on harvest area and ripeness



## AUGER FOR FLATTENED MAIZE

- \* Conical auger to improve harvesting results for flattened maize
- \* Hydraulic drive
- \* Mounted on the right or on both sides



## AUTO CONTOUR

- \* An automatic self-leveling attachment to adjust to uneven ground
- \* Also available with slope control (depending on combine model)



## STUBBLE-BREAKER

- \* Height-adjustable, spring-loaded skids bend the stubble over
- \* Reliable tire protection
- \* Ensures that machine lies at a minimal height above the ground

# Technical Data

MAIS STAR*	NO. OF ROWS	ROW WIDTH cm/''	TRANSPORT WIDTH m	WEIGHT approx. kg
<b>RIGID MODELS</b>				
MS 400 – 1800 B	4–18	70–75/30	3,00–13,85	1290–5560
MS 800 – 2400 B	8–24	20	4,50–12,65	2160–6020
MS 800 – 1800 B	8–18	22	4,85–10,45	2160–4670
<b>FOLDABLE MODELS</b>				
MS 600F – 1600 FB	6–16	70–75/30	3,00–6,30	2080–5660
<b>MAIS STAR* HORIZON</b>				
<b>RIGID MODELS</b>				
MS-H 400	4	70–80/30	3,00	1520
MS-H 500	5	70–80	3,76–4,10	1835
MS-H 600	6	70–80/30	4,40–4,90	2120
MS-H 800 B	8	70–80/30	5,80–6,50	2500
MS-H 900 B	9	70–80/30	6,50–7,30	2850
MS-H 1200 B	12	70–75/30	8,60–9,30	4000
<b>FOLDABLE MODELS</b>				
MS-H 600 F	6	70–80	3,00	2460
MS-H 800 FB	8	70–80/30	3,00–3,30	3290
MS-H 900 FB	9	70–75	3,75	3750
MS-H 1200 FB	12	70–75/30	4,80	4730

Geringhoff harvesters are compatible with all makes of combine harvester. Subject to modification.



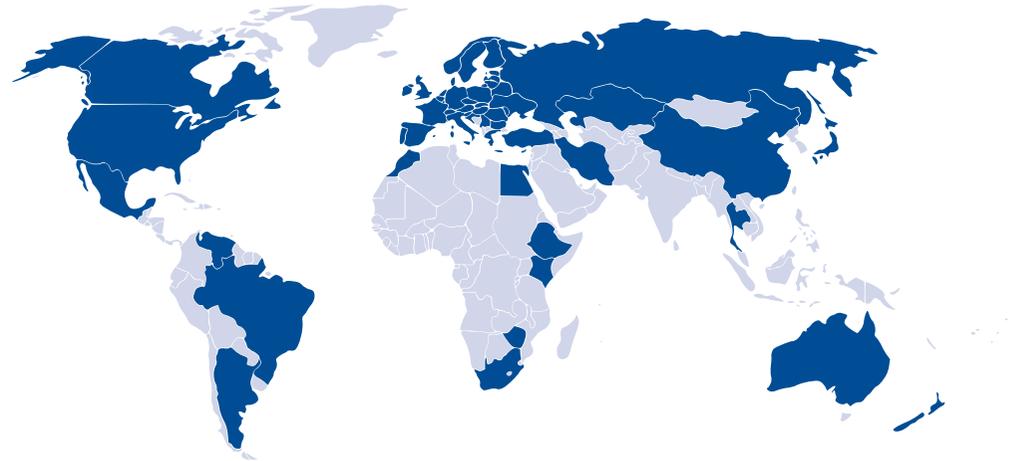


## ROUND-THE- CLOCK SERVICE

- \* 24-hour availability – for all eventualities
- \* long-standing, personal support for our customers
- \* genuine parts always immediately available
- \* lightning-fast delivery on request (overnight shipping)
- \* on-site service, even at the most unusual times

## SYSTEMS CONSULTING BY EXPERTS

- \* free consulting assistance in deciding what system to purchase
- \* professional consulting training for dealers



# WORKING AROUND THE WORLD

