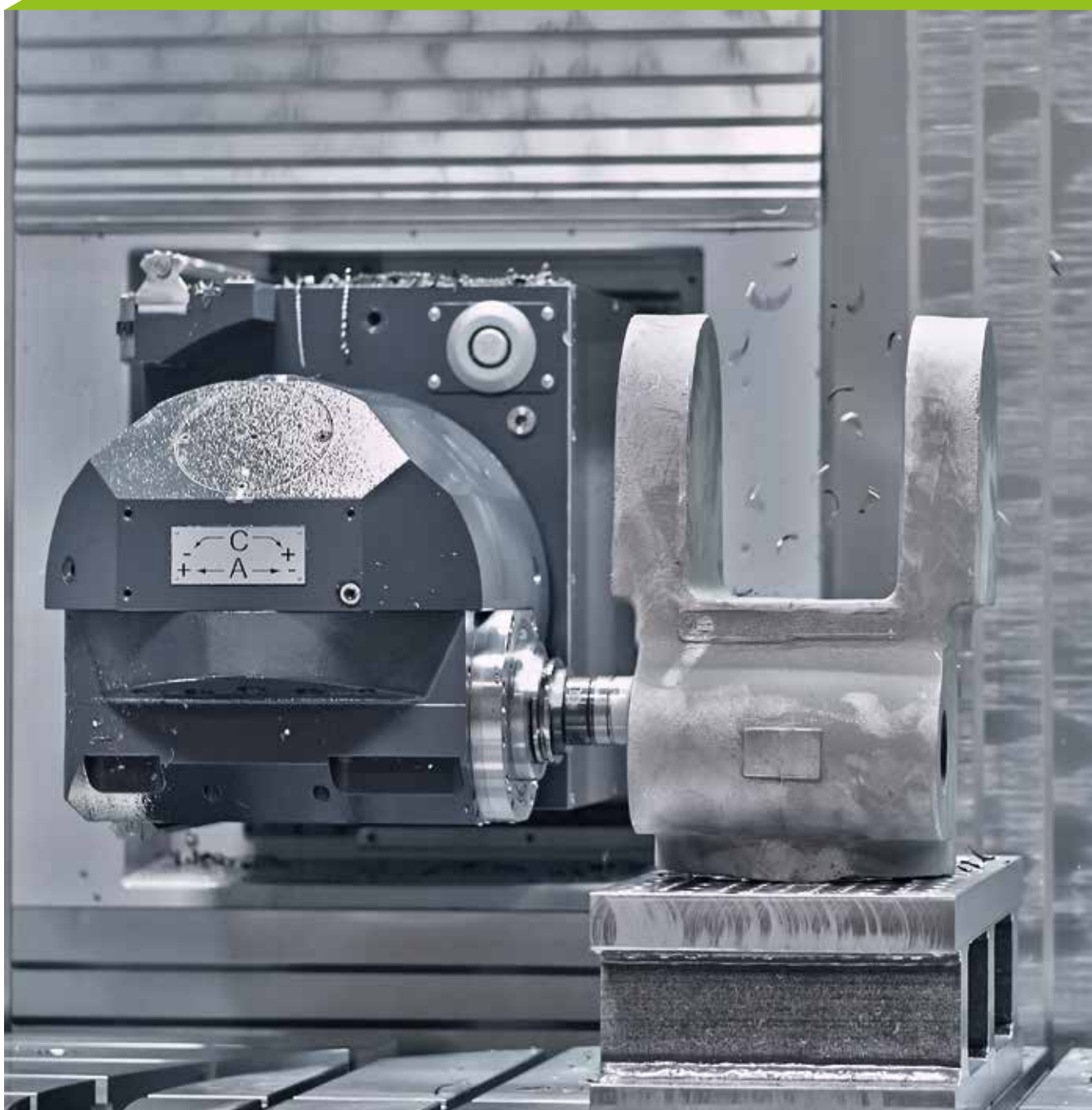


# Machining centers



»Accurate, flexible and innovative:  
This describes our machines, our  
thinking and action.«

*Anton Müller, Managing Director*

## UniSpeed

UniSpeed 2000  
UniSpeed 3000  
UniSpeed 6000

## TightBlock

TightBlock 6000  
TightBlock 8000



# UniSpeed

## UniSpeed 2000



### Basic machine

#### Travels (max. in mm)

X axis (horizontal, longitudinal):	2.000
Y axis (vertical):	1.300
Z axis (horizontal-cross):	1.300

#### Milling head

Universal, orthogonal milling head	
Standard swivel range:	A axis 180° C axis 360°

#### Main drive/motor spindle

Drive power in kW:	up to 44/70
Speed range in rpm:	up to 8.000/24.000

#### Speeds of movement

Feeds and rapid traverses (X, Y, Z) in mm/min:	up to 30.000
Acceleration in m/s <sup>2</sup>	2

#### Tool taper

- SK 50 BIG-PLUS
- HSK 100 A DIN 69893

#### Versions

- Milling machine
- Mill-Turn-machine
- Machine with pallet changer

### Options

#### Milling heads

- Universal heads
- Fork milling heads

#### Workpiece handling

- Clamping plate
- Rotary table(s)
- Turn table(s)
- Pallet changers

#### Tool handling

- Automatic tool changer
- Tool magazine
- Tool loading station

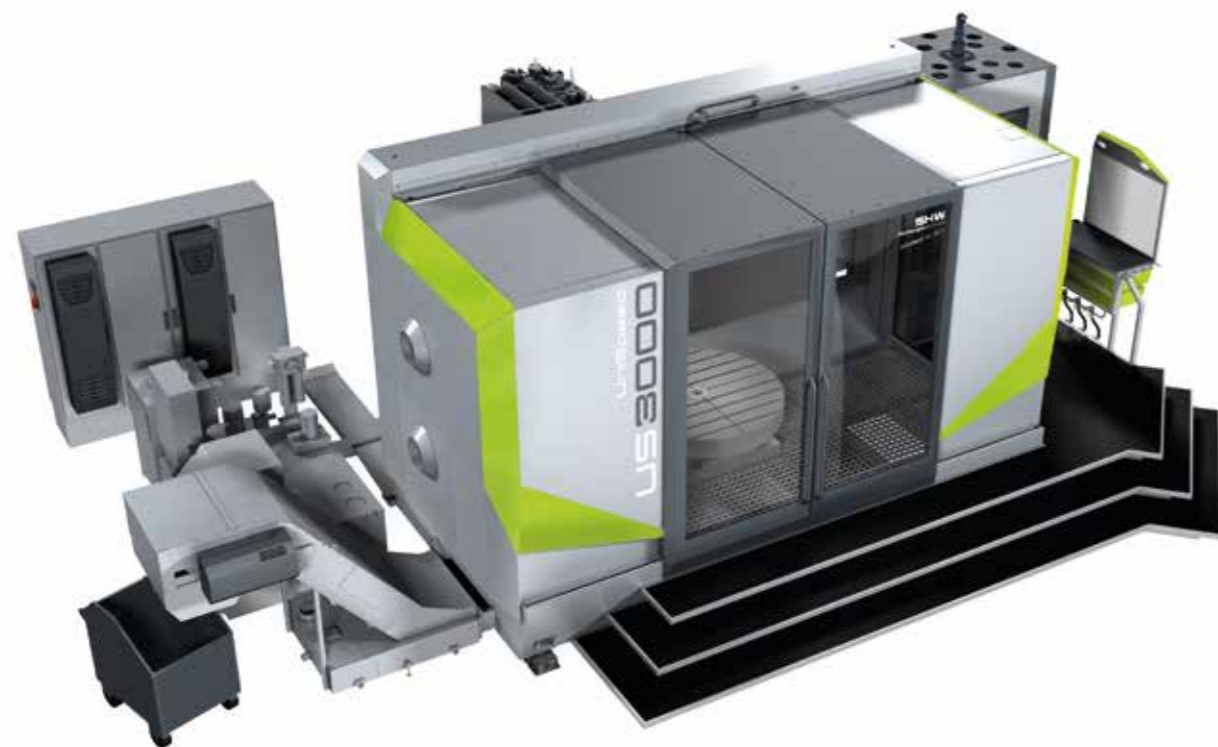
#### CNC Systems

- Heidenhain
- Siemens

#### Accessories

We would like to introduce our extensive range of accessories in a personal discussion.

# UniSpeed 3000



## Basic machine

### Travels (max. in mm)

X axis (horizontal, longitudinal):	3.000
Y axis (vertical):	1.300
Z axis (horizontal-cross):	1.300

### Milling head

Universal, orthogonal milling head  
Standard swivel range:

A axis 180°
C axis 360°

### Main drive/motor spindle

Drive power in kW:	up to 44/70
Speed range in rpm:	up to 8.000/24.000

### Speeds of movement

Feeds and rapid traverses (X, Y, Z) in mm/min:	up to 30.000
Acceleration in m/s <sup>2</sup>	2

### Tool taper

- SK 50 BIG-PLUS
- HSK 100 A DIN 69893

### Versions

- Milling machine
- Mill-Turn-machine
- Machine with pallet changer

## Options

### Milling heads

- Universal heads
- Fork milling heads

### Workpiece handling

- Clamping plate
- Rotary table(s)
- Turn table(s)
- Pallet changers

### Tool handling

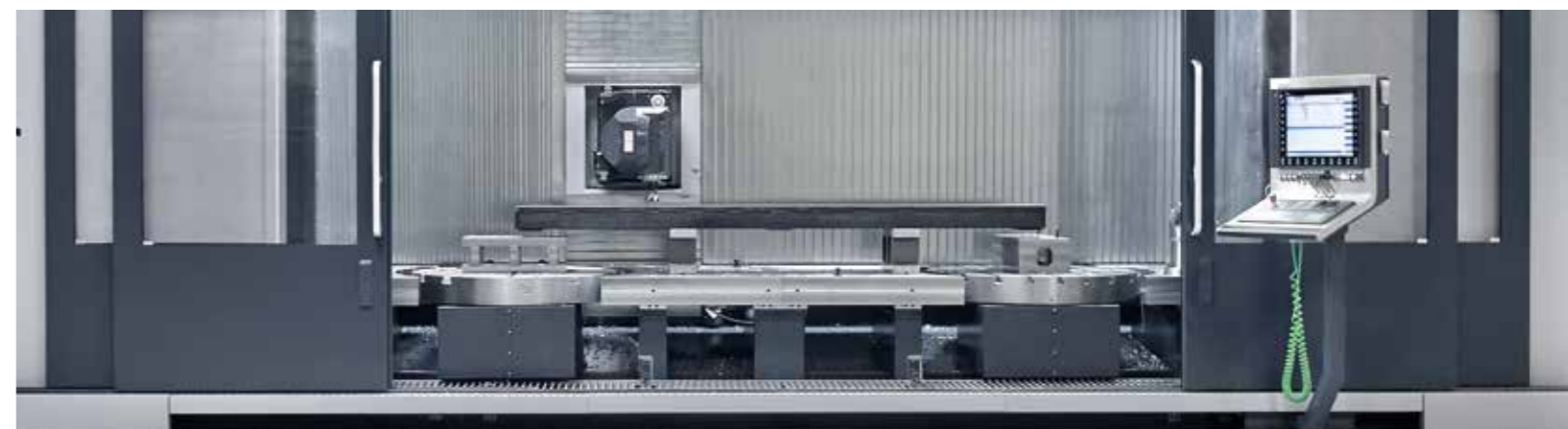
- Automatic tool changer
- Tool magazine
- Tool loading station

### CNC Systems

- Heidenhain
- Siemens

### Accessories

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# UniSpeed 6000



## Basic machine

### Travels (max. in mm)

X axis (horizontal, longitudinal):	6.000
Y axis (vertical):	1.600
Z axis (horizontal-cross):	1.300

### Milling head

Universal, orthogonal milling head  
Standard swivel range:

A axis 180°
C axis 360°

### Main drive/motor spindle

Drive power in kW:	up to 44/70
Speed range in rpm:	up to 8.000/24.000

### Speeds of movement

Feeds and rapid traverses (X, Y, Z) in mm/min:	up to 30.000
Acceleration in m/s <sup>2</sup>	3,5

### Tool taper

- SK 50 BIG-PLUS
- HSK 100 A DIN 69893

### Versions

- Milling machine
- Mill-Turn-machine
- Machine with pallet changer

## Options

### Milling heads

- Universal heads
- Fork milling heads

### Workpiece handling

- Clamping plate
- Rotary table(s)
- Turn table(s)
- Pallet changers

### Tool handling

- Automatic tool changer
- Tool magazine
- Tool loading station

### CNC Systems

- Heidenhain
- Siemens

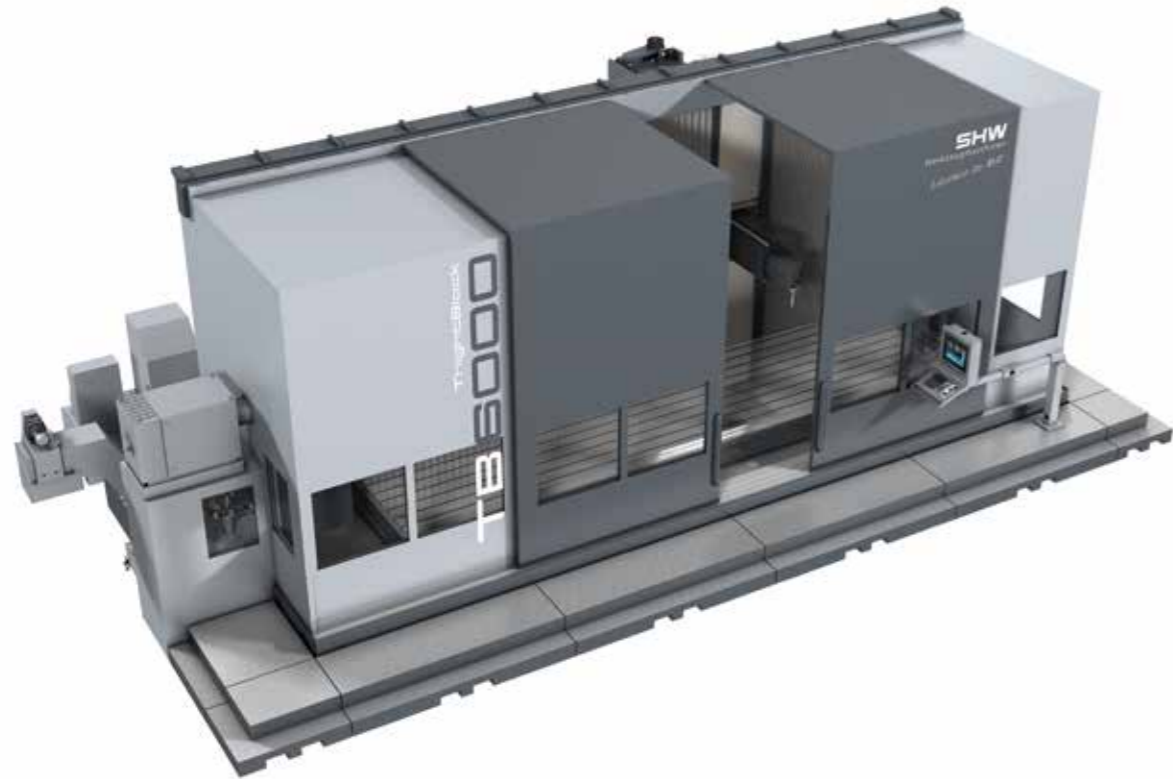
### Accessories

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**TightBlock**

# TightBlock 6000



## Basic machine

### Travels (max. in mm)

X axis (horizontal, longitudinal):	6.000
Y axis (vertical):	2.600
Z axis (horizontal-cross):	1.300

### Milling head

Universal, orthogonal milling head  
Standard swivel range:

A axis 180°
C axis 360°

### Main drive/motor spindle

Drive power in kW:	up to 44/70
Speed range in rpm:	up to 8.000/24.000

### Speeds of movement

Feeds and rapid traverses (X, Y, Z) in mm/min:	up to 30.000
Acceleration in m/s <sup>2</sup>	3,5

### Tool taper

- SK 50 BIG-PLUS
- HSK 100 A DIN 69893

### Versions

- Milling machine
- Mill-Turn-machine
- Machine with pallet changer

## Options

### Milling heads

- Universal heads
- Fork milling heads

### Workpiece handling

- Clamping plate
- Rotary table(s)
- Turn table(s)
- Pallet changers

### Tool handling

- Automatic tool changer
- Tool magazine
- Tool loading station

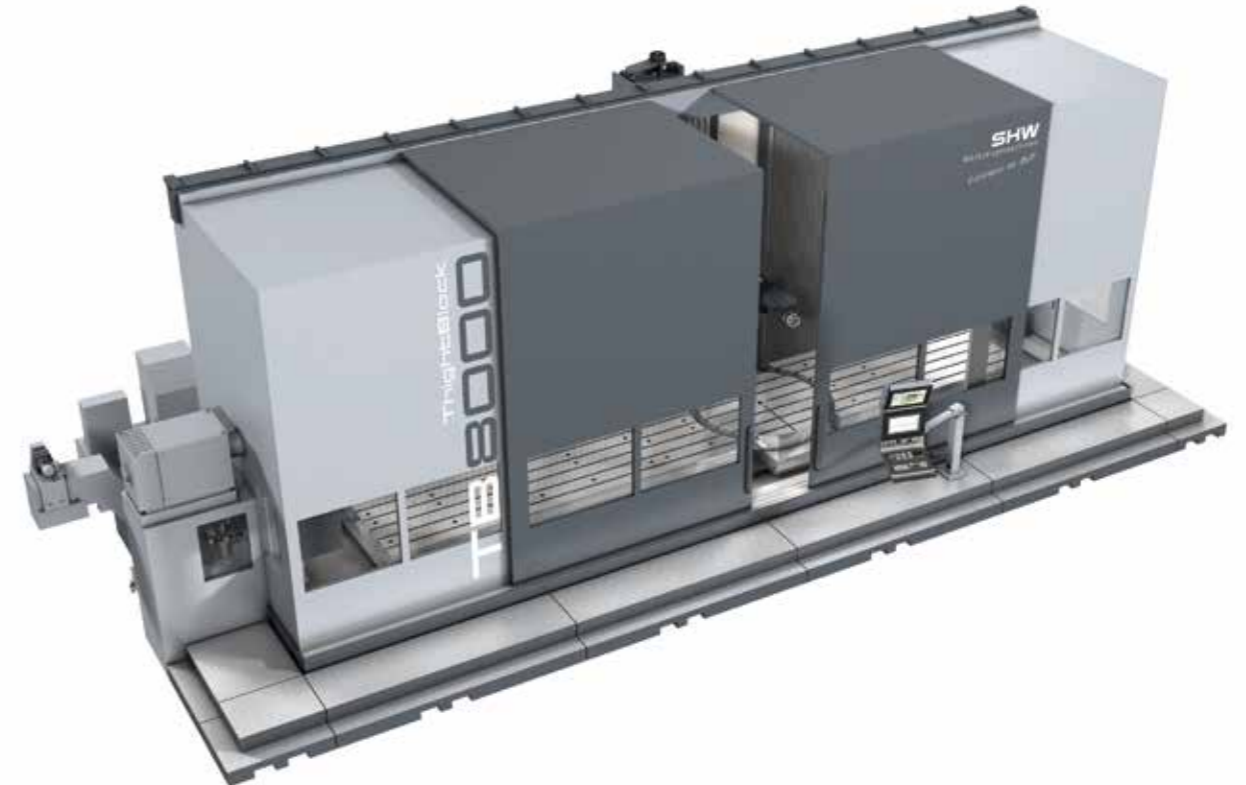
### CNC Systems

- Heidenhain
- Siemens

### Accessories

We would like to introduce our extensive range of accessories in a personal discussion.

# TightBlock 8000



## Basic machine

### Travels (max. in mm)

X axis (horizontal, longitudinal):	8.000
Y axis (vertical):	3.100
Z axis (horizontal-cross):	1.500

### Milling head

Universal, orthogonal milling head  
Standard swivel range:

A axis 180°
C axis 360°

### Main drive/motor spindle

Drive power in kW:	up to 55/70
Speed range in rpm:	up to 8.000/24.000

### Speeds of movement

Feeds and rapid traverses (X, Y, Z) in mm/min:	up to 30.000
Acceleration in m/s <sup>2</sup>	3,5

### Tool taper

- SK 50 BIG-PLUS
- HSK 100 A DIN 69893

### Versions

- Milling machine
- Mill-Turn-machine
- Machine with pallet changer

## Options

### Milling heads

- Universal heads
- Fork milling heads

### Workpiece handling

- Clamping plate
- Rotary table(s)
- Turn table(s)
- Pallet changers

### Tool handling

- Automatic tool changer
- Tool magazine
- Tool loading station

### CNC Systems

- Heidenhain
- Siemens

### Accessories

We would like to introduce our extensive range of accessories in a personal discussion.

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