



## **TOOL PORTFOLIO**

SPARE PARTS AND SERVICE

VEGETATION MANAGEMENT

***Pinotti***<sup>®</sup>

AFTER SALES NETWORK

# UPT SERIES

## > OVERVIEW

### UPT02



Extremely shock resistant in rocky ground, all-around reliability, two carbide tips, pivoting.



PU: 3 Pcs.

### UPT09



Very aggressive tool with best penetration capabilities, minimum cutting power required, additional carbide plates for abrasive ground conditions, wide range of applications.



PU: 3 Pcs.

### UPT08.02



Anti-wear characteristics in abrasive ground through additional carbide plates. Extremely shock resistant in rocky ground.



PU: 3 Pcs.

### UPT11



Aggressive tool with best penetration capabilities, minimum cutting power required, additional carbide plates for extremely abrasive applications.



PU: 1 Pcs.

### UPTs05 / UPTs06



Side scraper to protect outer tool holders and clear remnants between rotor and housing. Unique carbide pattern at the outer edges, left or right version.



PU: each 6 Pcs.



Shock resistant and reliable against high impacts in rocky ground



Finest mulch results and chip material



Anti-wear characteristics in abrasive and sandy soil conditions



Additional wear protection for toughest jobs and most abrasive ground conditions



## > **ADVANTAGES**

### **TOOL TECHNOLOGY FOR A POWER RANGE OF: 300 – 640 HP**

- + Maximize daily performance by using high quality tools
- + Optimal power distribution tool system through three-axis centered connection
- + Single-bolt tool fastening that is secure and easily serviced from the rear of the tool holder
- + Maximum reliability; built against highest impacts and loads
- + Unique side scraper design with extremely wear resistant carbide layers for perfect protection of tool holder and housing from abrasion

## > **MACHINES USING THIS TOOL TYPE**

**MULCHER M700 | M900**  
**SUBSOILER RF800 | RF1000 | R800**  
**STUMP BUSTER SB1200**

## > **ROTOR TECHNOLOGY**

- + Highest standards to perfectly keep the rotor in balance even with a mixed tool pattern
- + Benefit from minimum power requirements, less fuel consumption and best penetration capabilities for highest demands
- + Highest quality **MADE IN GERMANY**

## > **ADDITIONAL ROTOR COMPONENTS**

ITEM NUMBER	DESCRIPTION	APPLICATION	COMMENT
<b>46.UPT04</b>	Tool holder	Rotor diameter D800 – D1200	
<b>46.UPT05</b>	Tool holder	Rotor diameter D700	
<b>46.UPT12</b>	Side scraper	with carbide tip	add on UPT11
<b>01.80.24.T.220.C</b>	Side scraper	High Performance, Heavy Duty Bolts	
<b>03.03.24.T.C</b>	Hexagon nut	High Performance, Heavy Duty Bolts	

# UPTS SERIES

## > OVERVIEW

### UPTs02



Finest and most consistent mulch results through double-tip knife geometry, recommended use for wood and limited rock.



PU: 6 Pcs.

### UPTs04



Extremely aggressive tool with best penetration, very low power requirement, additional carbide plates for abrasive ground conditions, wide range of applications.



PU: 6 Pcs.

### UPTs07



Extremely shock resistant in rocky ground, all-around reliability.



PU: 6 Pcs.

### UPTs08



UPTs-holder for BCS03 tools, one-edged chipper blade with hardened surface for above-ground mulching.



PU: 6 Pcs.

### UPTs05 / UPTs06



Side scraper to protect outer tool holders and clear remnants between rotor and housing. Unique carbide pattern at the outer edges, left or right version.



PU: each 6 Pcs.



Shock resistant and reliable against high impacts in rocky ground



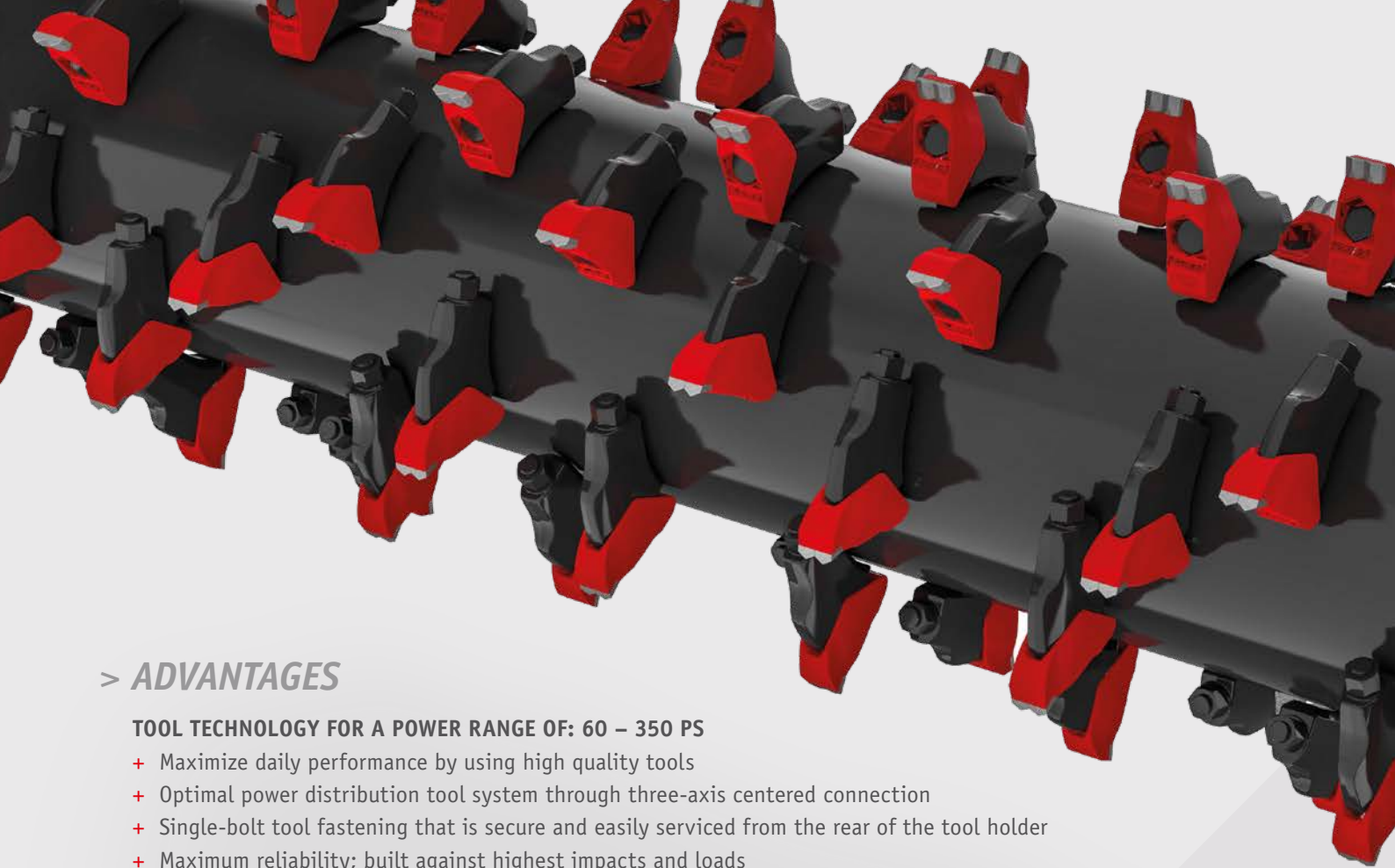
Finest mulch results and chip material



Anti-wear characteristics in abrasive and sandy soil conditions



Additional wear protection for toughest jobs and most abrasive ground conditions



## > **ADVANTAGES**

### **TOOL TECHNOLOGY FOR A POWER RANGE OF: 60 – 350 PS**

- + Maximize daily performance by using high quality tools
- + Optimal power distribution tool system through three-axis centered connection
- + Single-bolt tool fastening that is secure and easily serviced from the rear of the tool holder
- + Maximum reliability; built against highest impacts and loads
- + Unique side scraper design with extremely wear resistant carbide layers for perfect protection of tool holder and housing from abrasion

## > **MACHINES USING THIS TOOL TYPE**

**MULCHER M450 | M550 | M650**

## > **ROTOR TECHNOLOGY**

- + Highest standards to perfectly keep the rotor in balance even with a mixed tool pattern
- + The innovative tool system, improves maintenance and tool exchange drastically. Time savings of 60% compared to other tool systems
- + Tool holders are protected to the maximum through this proven system
- + Benefit from minimum power requirements, less fuel consumption and best penetration capabilities for highest demands
- + Highest quality **MADE IN GERMANY**

## > **ADDITIONAL ROTOR COMPONENTS**

ITEM NUMBER	DESCRIPTION	APPLICATION	COMMENT
<b>46.UPTS01</b>	Tool holder		
<b>01.80.20.S.155.C</b>	Tool bolt	High Performance, Heavy Duty Bolts	
<b>03.03.20.S.C</b>	Hexagon nut	High Performance, Heavy Duty Bolts	

# BCS SERIES

## > OVERVIEW

### BCS02



Triple-carbide tool with main cutting tip in the center, side tips set diagonally to reduce power requirement, for wear-intensive and sandy applications. Additional protection of tool holder through wider carbide tips at the side.



PU: 20 Pcs.

### BCS03



One-edged chipper blade with hardened surface for above-ground mulching, mounted on standard BCS holder.

**Tip: Use the BCS02 with carbide tips as side scraper.**





PU: 24 Pcs.





### BCS SHARPENING GAUGE

The BCS sharpening gauge allows the measurement of the lower cutting surface of the BCS to achieve the best cutting angle and maximum wear of the cutting edge.

 Shock resistant and reliable against high impacts in rocky ground

 Finest mulch results and chip material

 Anti-wear characteristics in abrasive and sandy soil conditions

 Additional wear protection for toughest jobs and most abrasive ground conditions



## > *ADVANTAGES*

### **TOOL TECHNOLOGY FOR A POWER RANGE OF: 60 – 350 PS**

- + Flexible tool system for a wide variety of jobs and applications with easy tool change
- + Maximum power control through BCS “Bite Control System” controlling the depth of bite
- + Most uniform particle and chip size, directing material flow

## > *MACHINES USING THIS TOOL TYPE*

**MULCHER M450 | M550 | M650**

## > *ROTOR TECHNOLOGY*

- + BCS stands for “Bite Control System” for controlling depth of bite for most homogeneous mulch results
- + Easier to keep the rotor rpm at a constant level for carriers with low horsepower
- + BCS rings around the rotor reduce impacts and shock loading on the drive line
- + Highest quality **MADE IN GERMANY**

## > *ADDITIONAL ROTOR COMPONENTS*

ITEM NUMBER	DESCRIPTION	APPLICATION	COMMENT
<b>46.BCS01</b>	Tool holder		
<b>46.AN001</b>	Side scraper		2 pcs. per side
<b>01.20.16040.C</b>	Tool bolt		2 pcs. per tool
<b>857.03.00.00.01</b>	Sharpening gauge	Sharpening of BCS03 knives	
<b>46.UPTs08</b>	Tool holder BCS03		
<b>46.HM017</b>	Tool holder BCS03		

# HDT SERIES

## > OVERVIEW

### HDT01



Extremely fine mulch results with two wide carbide tips. Recommended use for wood with less rocky grounds. Wide range of applications.

PU: 6 Pcs.

### HDT02



Extremely aggressive tool, best penetration with very low power requirements, Medium mulch results. Suggestion: Combine with HDT01.

PU: 6 Pcs.

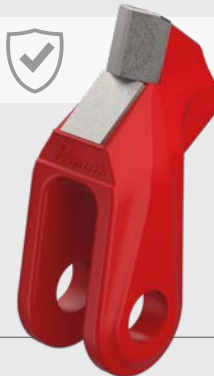
### HDT03



Extremely shock resistant in rocky ground, all-around reliability.

PU: 6 Pcs.

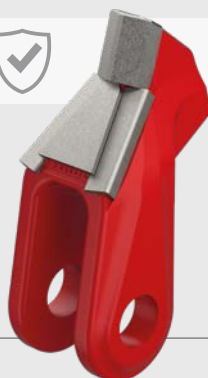
### HDT04



Extremely aggressive tool, very good penetration with very low power requirements, additional carbide plates for abrasive ground conditions.

PU: 6 Pcs.

### HDT07



Extremely aggressive tool, very good penetration, additional carbide plates for very abrasive ground conditions.

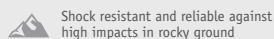
PU: 6 Pcs.

### HM017



HDT-holder for BCS03 tools, one-edged chipper blade with hardened surface for above-ground mulching.

PU: 6 Pcs.



Shock resistant and reliable against high impacts in rocky ground



Finest mulch results and chip material



Anti-wear characteristics in abrasive and sandy soil conditions



Additional wear protection for toughest jobs and most abrasive ground conditions



## > **ADVANTAGES**

### **TOOL TECHNOLOGY FOR A POWER RANGE OF: 80 – 350 PS**

- + Maximize daily performance by using high quality tools and components
- + Highest quality MADE IN GERMANY
- + High-performance carbide for every application and premium forged steel with optimized hardness structure from Europe provide even more reliability
- + Minimum weight tolerances for perfect rotor balance

## > **MACHINES USING THIS TOOL TYPE**

**MULCHER UZM580 | UZM700 | M700 | M900**  
**SUBSOILER | ROTOVATOR RF800 | RF1000**  
**STUMP GRINDER S700-650**

## > **ADDITIONAL ROTOR COMPONENTS**

ITEM NUMBER	DESCRIPTION	APPLICATION	COMMENT
<b>01.80.24.T.085.C</b>	Tool bolt	High Performance, Heavy Duty Bolts	
<b>03.03.24.T.C</b>	Hexagon nut	High Performance, Heavy Duty Bolts	
<b>01.20.16040.C</b>	Tool bolt	BCS at HM017	2 pcs. per tool

## **TOOL PORTFOLIO** OVER 30 YEARS EXPERIENCE

ITEM NUMBER	COMMENT
<b>46.AN001</b>	Weld-on tooth
<b>46.BFS33</b>	Tool
<b>46.BFS40.20.H</b>	for SF900
<b>46.BFS40.20.HL</b>	for SF900
<b>46.BFS40.20.HR</b>	for SF900
<b>46.BFS46.R.858</b>	for RF & UZM

ITEM NUMBER	COMMENT
<b>46.BFS47.L.858</b>	for RF & UZM
<b>46.BFZ25.G</b>	Weld-on tooth
<b>46.BFZ60</b>	Weld-on tooth
<b>46.BP-2</b>	Tool
<b>46.PA001.R</b>	for RF1000
<b>46.PA004</b>	for FM400h








### **AN001 WELD-ON TOOTH**

The AN001 weld-on tooth can be welded virtually anywhere and shields important components against wear. It is designed for the toughest applications in the industry.

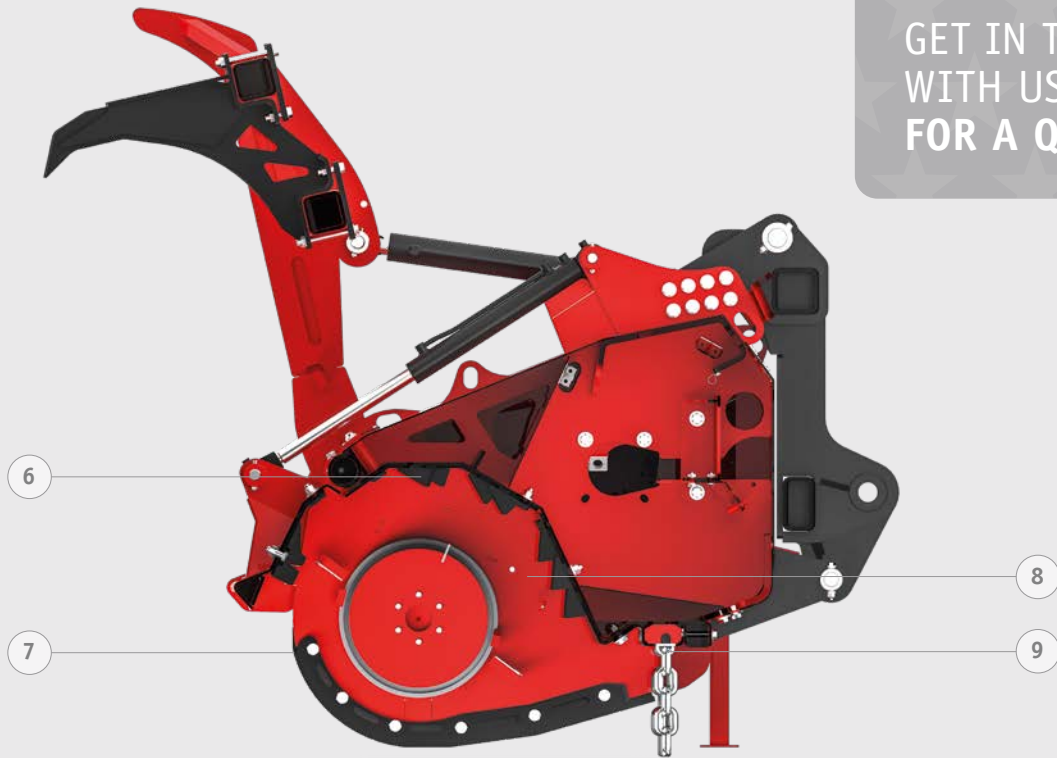
# ADDITIONAL WEAR PARTS








## > MULCHING HEADS

CARRIER VEHICLE	ATTACHMENT	1 TEETH / STOPPER	2 FLAP COUNTER BLADES	3 TOOLS	4 POWERBELT	5 SKIDS
	M450e-900	-	-	BCS   UPTs	-	-
	M450e-1090	-	-	BCS   UPTs	-	-
	M450e-1100	-	-	BCS   UPTs	50.1.1740.B.X	450.06.00.00.00
	M550e-1300	-	560.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M450h-1600	-	451.10.02.21.00	BCS   UPTs	50.1.1740.B.X	450.06.00.00.00
	M450h-1900	-	452.10.02.20.00	BCS   UPTs	50.1.1740.B.X	450.06.00.00.00
	M450s-1900	480.07.00.00.02	452.10.02.20.00	BCS   UPTs	50.11.1568.068	450.06.00.00.00
	M450h-2200	-	453.10.00.01.00	BCS   UPTs	50.11.1750.037	450.06.00.00.00
	M450h-2700	-	450.10.02.00.00	BCS	50.1.1740.B.X	450.06.00.00.00
	M550h-2110	742.07.00.08.00	551.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M550h-2410	742.07.00.08.00	553.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M650h-2050	742.07.00.08.00	650.10.01.21.00	BCS   UPTs	50.2.2187.B.Z.3	650.06.00.00.00
	M650h-2350	650.07.00.04.00	652.10.01.21.00	BCS   UPTs	50.2.2187.B.Z.3	650.06.00.00.00
	M650h-2550	650.07.00.04.00	653.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.3	650.06.00.00.00
	M450m-1900	-	452.10.02.20.00	BCS   UPTs	50.1.1740.B.X	450.06.00.00.00
	M450m-2700	-	450.10.02.00.00	BCS	50.1.1740.B.X	450.06.00.00.00
	M550m-2110	742.07.00.08.00	551.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M550m-2410	742.07.00.08.00	553.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M650m-2050	742.07.00.08.00	650.10.01.21.00	BCS   UPTs	50.2.2187.B.Z.2	550.06.00.00.00
	M650m-2350	650.07.00.04.00	652.10.01.21.00	BCS   UPTs	50.2.2187.B.Z.3	650.06.00.00.00
	M650m-2550	650.07.00.04.00	653.10.00.22.00	BCS   UPTs	50.2.2187.B.Z.3	650.06.00.00.00
	M700-2300	750.51.2.04	776.10.02.01.00 / 776.10.03.01.00	UPT	50.2.2600.B.Z.3	773.06.00.00.00
	M700-2500	750.51.2.04	776.10.02.01.00 / 776.10.03.01.00	UPT	50.2.2600.B.Z.3	773.06.00.00.00
M900-2300	760.04.6.30	731.10.03.00.00	UPT	50.4.2762.B.Z	731.02.06.02.00	

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## > MULCHING HEADS

CARRIER VEHICLE	ATTACHMENT	6 COUNTER BLADES TOP	7 LINER SIDE HOUSING	8 COUNTER BLADES BOTTOM	9 CHAIN CURTAIN
	<b>M450e-900</b>	460.01.06.00.00	740.01.10.00.00	-	460.01.04.01.00
	<b>M450e-1090</b>	41287023	740.01.10.00.00	42287052	460.01.04.01.00
	<b>M450e-1100</b>	-	740.01.10.00.00	-	740.01.19.00.00
	<b>M550e-1300</b>	550.01.02.01.00 / 560.01.19.00.00	-	-	550.01.03.01.00
	<b>M450h-1600</b>	-	451.01.12.00.00	-	451.09.00.01.00
	<b>M450h-1900</b>	-	452.01.11.00.00	-	452.09.00.01.00
	<b>M450s-1900</b>	-	-	-	480.09.00.02.00
	<b>M450h-2200</b>	-	453.01.11.00.00	-	453.09.00.02.00
	<b>M450h-2700</b>	-	450.01.05.00.00	-	-
	<b>M550h-2110</b>	550.01.02.01.00 / 550.01.03.01.00	551.01.11.00.00	551.10.00.22.00	551.01.19.00.00
	<b>M550h-2410</b>	550.01.02.01.00 / 550.01.03.01.00	553.01.11.00.00	553.12.00.00.00	553.01.19.00.00
	<b>M650h-2050</b>	650.01.02.01.00 / 650.01.03.01.00	650.12.01.00.00	650.01.11.00.00	650.01.19.00.00
	<b>M650h-2350</b>	650.01.02.01.00 / 650.01.03.01.00	654.12.01.00.00	654.01.11.00.00	652.01.19.00.00
	<b>M650h-2550</b>	650.01.02.01.00 / 650.01.03.01.00	653.10.00.25.00	653.01.11.00.00	653.01.19.00.00
	<b>M450m-1900</b>	-	452.01.11.00.00	-	452.09.00.02.00
	<b>M450m-2700</b>	-	450.01.05.00.00	-	-
	<b>M550m-2110</b>	550.01.02.01.00 / 550.01.03.01.00	551.01.11.00.00	551.10.00.22.00	550.06.00.00.00
	<b>M550m-2410</b>	550.01.02.01.00 / 550.01.03.01.00	553.01.11.00.00	553.12.00.00.00	550.06.00.00.00
	<b>M650m-2050</b>	650.01.02.01.00 / 650.01.03.01.00	650.12.01.00.00	650.01.11.00.00	650.01.19.00.00
	<b>M650m-2350</b>	650.01.02.01.00 / 650.01.03.01.00	654.12.01.00.00	654.01.11.00.00	652.01.19.00.00
	<b>M650m-2550</b>	650.01.02.01.00 / 650.01.03.01.00	653.10.00.25.00	653.01.11.00.00	653.01.19.00.00
	<b>M700-2300</b>	-	773.01.13.00.00	771.01.11.00.00	771.01.19.00.00
	<b>M700-2500</b>	-	773.01.13.00.00	727.01.11.00.00	727.01.19.00.00
	<b>M900-2300</b>	731.01.50.00.00 / 731.01.50.01.00	731.01.46.00.00	731.01.47.00.00	771.01.19.00.00

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YOUR PRINOTH PARTNER:

**PRINOTH GmbH**  
Im Branden 15  
88634 Herdwangen | Germany  
PHONE +49 7557 92 12 849  
parts.germany@prinoth.com  
www.prinoth.com

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