
 1.000 - 25.900 kg 8 - 260 t

Attachments and Work Tools
for Construction and Industrial Machinery

COMBICUTTER- PULVERIZER **RP SERIES**

LST – THE GROUP

LST - LEADING SUPPLY TECHNOLOGIES



LST Group

The LST Group is a owner operated, internationally active medium sized group. The LST Group specialises in the division of attachments and work tools for construction and industrial machines (AWT). The divisions of structural steel engineering and machine construction (SME), as well as construction and industrial machinery (CIM), are also mainstays for the Group. In addition to the headquarters in Herrsching, Germany, the Group has its own production sites, service and sales centres in Germany, Austria, Hungary, Poland and Switzerland.

Division Attachments and Work Tools (AWT)

As a full-range-supplier in the AWT division, LST serves the entire value-added chain from development and production to sales, rental and service. LST increases its customers' productivity and efficiency with continuous product improvements, numerous technical innovations, closeness to its customers, and consulting expertise. The strong sales and service organisation, with its own rental parks and comprehensive services, ensures the Group a central position in the national and international market.

As a system partner and primary supplier to reputable manufacturers from industry and construction, LST combines a global network of specialist suppliers and

efficient sales partnerships. The Group also maintains close connections with renowned cooperation partners.

With numerous patents for components, methods, and processes, LST is a leading technology supplier and offers a wide product range from hydraulic breakers, demolition shears and multifunctional shears, scrap shears, and grapples, to crusher systems for quarries and steel works. Offering soil working systems, LST also comprehensively provides for customers in the agricultural and soil stabilisation industry. The LST Group also specialises in grapples, sorting and crushing, buckets and shovels and surface cutters.

Headquarters
Gewerbestraße 17a
82211 Herrsching / Germany
Tel.: +49 (0)81 52 / 37 97-0
Fax: +49 (0)81 52 / 37 97-550
info@LST-group.com
www.LST-group.com

COMBICUTTER-PULVERIZER RP SERIES

RELIABLE AND EXTREMELY VERSATILE

The hydraulically rotatable combicutter-pulverizers in the RP series have been developed both for primary and secondary demolition work. With the wide set of teeth and long blades, they are perfectly suited to demolition work, industrial demolition jobs, pulverizing, gutting and recycling.



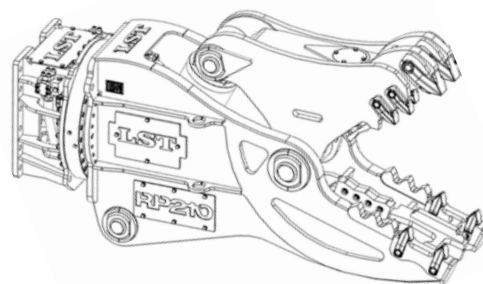
With a straight and symmetrical design and an LST HWRI rotary unit with 360° continuous rotation featuring a double-pivoted fifth wheel, the models in the RP series are perfect even for the most challenging of demolition applications. In addition, the combicutter-pulverizers are equipped with a jaw which can withstand extreme loads and is highly resistant to wear, and which is equipped with exchangeable teeth and reversible and exchangeable wave blades. It allows simultaneous demolition and pulverizing of concrete as well as the cutting of reinforcing steel with just a single machine.



COMBICUTTER-PULVERIZER

RP SERIES

COMBICUTTER-PULVERIZER RP SERIES UP TO A CARRIER WEIGHT OF 53 T



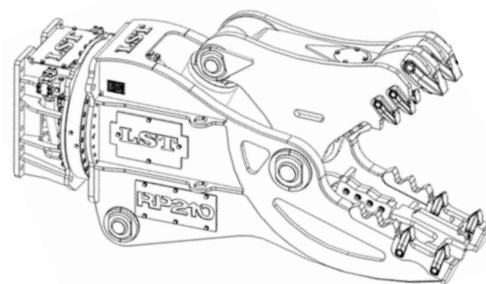
Model		RP 110	RP 130	RP 170	RP 210	RP 280	RP 340
Carrier weight	[t]	8 - 13	12 - 16	15 - 22	21 - 29	27 - 37	34 - 53
Operating weight ca.	[kg]	1000	1400	1750	2350	3050	3700
Cylinder Force	[t]	65	80	100	125	155	170
Cutting Force - Blade	[t]	95	155	205	225	250	380
Cutting Force - Tip-of-jaw	[t]	45	60	70	90	115	130
Cutting Power max.	[mm]	25	30	35	40	45	50
Opening width	[mm]	670	705	745	870	915	980
Jaw width	[mm]	360	410	450	505	600	640
Height	[mm]	1700	1700	2000	2300	2350	2450
Interchangeable teeth		yes	yes	yes	yes	yes	yes
Blade length	[mm]	140	220	220	260	260	260
Operating pressure	[bar]	320	320	320	320	320	320
Oil flow	[l/min]	140 - 260	175 - 260	175 - 260	190 - 315	235 - 365	285 - 420
Rotation Unit*		HWRI	HWRI	HWRI	HWRI	HWRI	HWRI
Rotation - operating pressure	[bar]	140	140	140	140	140	140
Rotation - oil flow max.	[l/min]	10	140	10	10	10	10
Leak oil line required		no	no	no	no	no	no

* HWRI - Double bearing fifth wheel driven by an internal hydraulic motor, protected by shock valves

COMBICUTTER-PULVERIZER

RP SERIES

COMBICUTTER-PULVERIZER RP SERIES UP TO A CARRIER WEIGHT OF 260 T



Model		RP 500	RP 700	RP 1150	RP 2000	RP 2500
Carrier weight	[t]	48 - 70	64 - 89	81 - 137	94 - 210	94 - 260
Operating weight ca.	[kg]	5500	7700	12150	21650	25900
Cylinder Force	[t]	215	280	395	670	670
Cutting Force - Blade	[t]	410	530	590	930	1070
Cutting Force - Tip-of-jaw	[t]	155	195	255	415	445
Cutting Power max.	[mm]	60	75	90	100	110
Opening width	[mm]	1120	1320	1700	1900	2050
Jaw width	[mm]	735	790	970	1400	1400
Height	[mm]	2800	3150	3750	4400	5050
Interchangeable teeth		yes	yes	no	no	no
Blade length	[mm]	260	325	500	500	500
Operating pressure	[bar]	350	350	350	350	350
Oil flow	[l/min]	380 - 525	430 - 630	475 - 840	855 - 1260	855 - 1260
Rotation Unit*		HWRI	HWRI	HWRI	HWRI	HWRI
Rotation - operating pressure	[bar]	140	140	140	140	140
Rotation - oil flow max.	[l/min]	30	30	50	50	50
Leak oil line required		yes	yes	yes	yes	yes

* HWRI - Double bearing fifth wheel driven by an internal hydraulic motor, protected by shock valves

COMBICUTTER-PULVERIZER

RP SERIES

ROBUST AND FAST

The main body and the jaw are made entirely of Hardox® steel. This means extreme resilience and durability, minimal wear and low maintenance and servicing costs. The optimised grid system delivers high performance and efficiency by ensuring that the pulverized material is quickly ejected. The piston rod and cylinder are integrated in the housing and hence protected. The special speed valve reduces opening and closing times to a minimum. The LST HWRI rotary drive delivers constant and optimised rotating speeds and thus enables fast and accurate positioning.

PRODUCT OVERVIEW

- High productivity
- Robust, resilient and durable
- Flexibility
- Exact handling
- Low maintenance and service costs



LST - ATTACHMENTS FURTHER PRODUCTS

Hydraulic Breaker XB Series
for carrier weight 0,6 – 120 t



Demolator XMB Series
for carrier weight 24 – 120 t



Combicutter-Pulverizer RP Series
for carrier weight 8 – 260 t



Scrap Shear AD Series
for carrier weight 2 – 95 t



**Iron Cast Polyp Grapple
XMG Series**
for carrier weight 25 – 55 t



Universal Grapple USG Series
for carrier weight 1 – 26 t



Clamshell Grapple BS Series
for carrier weight 1 – 12,5 t



Polyp Grapple SM/SMF Series
for carrier weight 1 – 26 t



Rotary Screening Bucket RT Series
for carrier weight 3 – 42 t



Shredding Bucket SB Series
for carrier weight 3 – 35 t



**Front Spreader
FAS Series**



**Large Area Spreaders
LAS Series**



Plate Compactor VP Series
for carrier weight 1,5 – 45 t



Fractum Breaker FB Series
for carrier weight 20 – 70 t



Demoliton Shear DS Series
for carrier weight 2 – 158 t



Pulverizer P Series
for carrier weight 6 – 89 t



Multifunctional Shear MP Series
for carrier weight 14 – 79 t



**Demolition and Sorting Grapple
DSG Series**
for carrier weight 1,5 – 65 t



Clamshell Grapple GZ Series
for carrier weight 1 – 30 t



Timber Grapple TM/TML Series
for carrier weight 2 – 24 t



Crushing Bucket CB Series
for carrier weight 8 – 50 t



**Demolition and Sorting Grapple
DMG Series**
for carrier weight 14 – 42 t



Surface Cutter SC Series
for carrier weight 2 – 60 t



**Multifunctional Trailer Spreader
MTS Series**



**Ground Stabilization Mixer
GSM Series**



Earth Drills HA Series
for carrier weight 0,75 – 30 t



LST GROUP AWT – ATTACHMENTS AND WORK TOOLS FOR CONSTRUCTION AND INDUSTRIAL MACHINERY

Headquarters
Gewerbestraße 17a
82211 Herrsching / Germany
Tel.: +49(0)81 52/37 97-0
Fax: +49(0)81 52/37 97-550
info@LST-group.com
www.LST-group.com

www.myLST.com
Web portal for used machinery

www.MeisselMarkt.de
Web portal for hydraulic breaker tools of all brands

www.LST-aluminium.de
Web portal for loading systems, aluminium rails,
aluminium cases and aluminium parts

LST Group – Divisions

- AWT – Attachments and Work Tools for Construction and Industrial Machinery
- SME – Steel and Mechanical Engineering
- CIM – Construction and Industrial Machinery

VISIT US:

WWW.LST-GROUP.COM

