

# MERICRUSHERS

Crushing superiority all year round



 **SUOKONE**

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## **FOR VERSATILE SOIL PREPARATION**

Finnish MeriCrushers have been designed for soil preparation in most varied surroundings. Thanks to their versatility, they are suited for forest, agricultural and municipal use alike.

## **FOREST USE**

In the forest sector, MeriCrushers are used to clear logging waste and, when necessary, stumps before planting or seeding new trees. MeriCrushers are also efficient in the deeper removal of unnecessary undergrowth. They are also used when making winter roads or preparing forest truck roads.

## **AGRICULTURAL USE**

In agriculture, MeriCrushers are extensively used for clearing land for cultivation and for annual prepara-

tion of pasture and new cultivation land. Millers are also handy in the basic preparation of farm roads. Berry bushes and fruit trees can also be easily and efficiently removed using a MeriCrusher.

## **MUNICIPAL AND ENVIRONMENTAL USE**

A MeriCrusher can easily clear bushes and mill stumps in different targets. Millers are perfect for clearing building sites both in detached house and industrial areas. Clearing of outdoor recreation routes and electric power lines is also included in the worklist of MeriCrusher contractors. In the wintertime, MeriCrushers remove snow drift and break ice in lots of different targets, such as sports grounds, ski tracks, trotting tracks, roads and parking areas.





## Crusher for versatile use

### Good results by crushing

Thanks to their strong but light structure, MJ crushers are suitable for many kinds of crushing work, from stumps to gravel road surfaces and everything in between. The rotor with hard metal cutters is durable and gives excellent results. It is powerful enough for forests, fields and environmental work.

TECHNICAL DETAILS		MJ-1.4ST	MJ-1.8ST	MJ-1.8DT	MJ-2.3ST	MJ-2.3DT
Rotor ø	mm	400	400	400	400	400
Rotor width	mm	1350	1750	1750	2250	2250
Working depth max.	mm	200	200	200	200	200
Weight, basic machine	kg	590	765	960	870	1115
Weight, incl. accessories	kg	745	1070	1265	1265	1510
Power range	hp	50-90	70-90	90-150	90-100	90-150
Number of cutters, std.	pcs	52	64	64	85	85
PTO	rpm	540/1000	540/1000	1000	1000	1000

ST: transmission in one end only. DT: transmission in both ends.

# MJS/C-SERIES



## Crusher for contracting

### Crushing basic power

MJS crushers have been designed for contracting. In the crushers, power transmission to the rotor has been implemented using a chain gear assembly. Gears are located at both ends of the rotor, and the overload clutch can be either a conventional disc coupling or a pressure-controlled POC overload clutch. The rotor can be equipped either with so-called standard tool holders, or alternatively with extra durable, forged UNT tool holders and durable hard metal cutters.

TECHNICAL DETAILS		MJS-2.0 DT	MJS-2.5 DT
Rotor ø	mm	500	500
Rotor width	mm	1950	2450
Working depth max.	mm	250	250
Weight, basic machine	kg	1355	1420
Weight, incl. accessories	kg	1800	1980
Power range	hp	110-180	120-180
Number of cutters, std.	pcs	74	92
PTO	rpm	1000	1000



Contractors' first choice for field making and efficient clearing!



## Crusher for demanding contracting

**Crushingly superior**

The developers of MJS/G crushers have succeeded in making a durable but light structure. Transmission takes place using gear housing, and a pressure-controlled overload clutch POC is a standard accessory. The rotor is equipped with durable, forged UNT tool holders and hard metal cutters. Also available with a particular rotor for peat.

TECHNICAL DETAILS		MJS-191 STG	MJS-241 STG	MJS-241 DTG
Rotor ø	mm	500	500	500
Rotor width	mm	1950	2450	2450
Working depth max.	mm	250	250	250
Weight, basic machine	kg	1405	1520	1820
Weight, incl. accessories	kg	1770	1985	2285
Power range	hp	120-220	140-220	140-250
Number of cutters, std.	pcs	88	112	112
PTO	rpm	1000	1000	1000

STG: gear in one end. DTG: gears in both ends.

# MJH-SERIES



A crusher that can fully utilise the power of your tractor!



## Crusher for demanding professional use

**Power for crushing**

The MJH-DTG series has been designed to withstand high power and demanding conditions. Gear housings are installed in both ends of the rotor, which enables the use of high power. The transmission is protected by two POC overload clutches. There are several rotor alternatives, depending on various working conditions.

TECHNICAL DETAILS		MJH-241 DTG	MJH-311 DTG	MJH-351 DTG
Rotor ø	mm	600	600	600
Rotor width	mm	2450	3150	3550
Working depth max.	mm	300	300	300
Weight, basic machine	kg	2050	2400	2550
Weight, incl. accessories	kg	2750	3250	3450
Power range	hp	150-300	200-300	250-300
Number of cutters, UNT-T22	pcs	112	124	160
Number of cutters, STB-T27.5	pcs	96	120	N/A
PTO	rpm	1000	1000	1000





## Crusher for heavy-duty professional use

### Heavy-duty crushing

MJF millers have been designed for use with large agricultural tractors or special tractors. Thanks to the large rotor diameter, they have a big free milling depth. Transmission has been implemented with gear assembly and POC over-load clutches. There are several rotor alternatives for different targets of use.

TECHNICAL DETAILS		MJF-240 DTG	MJF-290 DTG
Rotor ø	mm	800	800
Rotor width	mm	2420	2920
Working depth max.	mm	400	400
Weight, basic machine	kg	3700	4500
Weight, incl. accessories	kg	4300	5200
Power range	hp	200-300	250-500
Number of cutters, UNT-T22	pcs	112	142
Number of cutters, STB-T27.5	pcs	96	112
PTO	rpm	1000	1000

## MERICRUSHERS-SPECIAL MODELS

HYDRAULIC TRANSMISSIONS AND CLIENT-SPECIFIC APPLICATIONS



## Hydraulic crushers

### Hydraulic crushing

Nearly all MERICRUSHER models can also be delivered with hydraulic transmission. A hydraulic motor is usually installed on the upper shaft of the crusher end gear together with a planetary gear. 3-point linkage can be replaced with a client-chosen adapter that is suitable for the quick clamping of the basic machine. Typical basic machines include excavators, slide-controlled mini loaders, hydraulic compact tractors and snowcats.



# SUOKONE Ltd

Suokone Ltd is an engineering workshop specializing in the manufacture of peat machinery and crushers.

The success story of this Sotkamo-based enterprise began in 1971, the year the company was founded and started to utilise bog forests. A double-sided ditcher, invented by the founder of the company, Reino Meriläinen, was the original inspiration behind the current focus on peat production machinery design. Unprejudiced and fervent product development made Suokone into a pioneer in its field – nowadays the company's products cover the entire peat production chain, ranging from bog clearing to the production of sod peat and milled peat.

In the 1990s, a new success product rose alongside traditional peat machinery, namely, the crusher. This multi-function device opened up worldwide markets to Suokone. Today, Suokone machinery is in use in all continents, and the company is regularly supplying

its products to more than 20 countries. This nationally acclaimed engineering workshop has won many invention and enterprise-related prizes.

As well as experiencing success, Suokone has also encountered the uncertainties of the recession. Adversities have taught the company to be ready for new ideas at all times, and develop, together with their customers and joint venture partners.

The product development initiated by the company in the 1970s remains the basis of the operation of Suokone Ltd. In addition, diverse joint ventures with reliable partners assist the company in meeting future challenges. In this millennium, Suokone has become established as one of the most solvent companies in the province. The enthusiasm to continue the family business, together with professional employees, will guarantee the success of Suokone also in the future.

Please take a moment to peruse all the various product groups of Suokone:

## MERICRUSHERS



## MERPEATEQ



## MERITRACTORS



## MERIROADEQ



# SUOKONE

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