



MALFOS
Ditchers Maletti model by AGRIM

The MALFOS logo is centered within a blue rectangular area, which is framed by a thick red border. On the left side of the blue area is a stylized yellow icon consisting of three parallel, downward-pointing chevrons. To the right of this icon is the word "MALFOS" in a large, bold, yellow, sans-serif font. Below "MALFOS" is the text "Ditchers Maletti model by AGRIM" in a smaller, yellow, sans-serif font.



Office : Via dell'Artigianato n.24 - 06089 TORGIANO (PG) ITALY

Factory : Via dell'Artigianato n.24 - 06089 TORGIANO (PG) ITALY

Tel - Fax +39 075 985250 Mobile +39 348.2263227 / +39 333.8552974

e-mail: info@agrim-malfos.it

Web site : www.agrim-malfos.it



MAIN FEATURES

- NODULAR CAST IRON gear box for improved durability.
- Spiral bevel gears.
- All models with TRANSMISSION have a transmission box to increase PTO.
- For ease of transport, the 3rd hitch point is mechanically adjustable; a hydraulic accessory is also available.
- The machines are all equipped with a cardan shaft with safety bolt.
- The machines are all equipped with a 540 RPM PTO; a 1000 RPM PTO accessory is available only for the versions 60 to 141 of the Mono-Double wheel ditchers and the Double wheel ditchers .

DITCHERS

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MONOWHEEL DITCHERS



➤ **CENTRAL:**

MINI SERIES

AFR SERIES

➤ **SIMPLE DISPLACEMENT S:**

MINI-S SERIES

AFR-S SERIES

➤ **BILATERAL DISPALCEMENT BL:**

MINI-BL SERIES

AFR-BL SERIES

DITCHERS EQUIPPED WITH:

1 DIGGING ROTOR



MINI CENTRAL SERIES



MODEL	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
	Kg.	0°	HP	A	B	C
MINI 40	210	30°	20/40	40	19	64
MINI 40 T.V.	220	30°	20/40	40	19	64
MINI 50	240	30°	25/50	50	19	75
MINI 50 T.V.	250	30°	25/50	50	19	75
MINI 50 FS	225	30°	25/50	50	15	70
MINI 50 FXS	225	30°	25/50	50	8	66
MINI 50 K	240	18°	25/50	50	15	48

- MONOWHEEL ditcher with CENTRAL excavation for shallow ditches (40 - 50 cm) with a 30° wall angle. The machines are equipped with a 540 RPM P.T.O. shaft.
- These machines have a SINGLE DIGGING ROTOR and the excavated soil is discharged only to the right side of the ditch.
- The 50 K series produces a ditch with a 18° wall angle.
- The 40 T.V. and 50 T.V. versions come with a height-adjustable 3-point hitch.

MINI – AFR SERIES



MINI 50 TV



MINI 40



AFR1



AFR 2R

AFR CENTRAL SERIES



MODEL	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
	Kg.	0°	HP	A	B	C
AFR 0	380	30°	40/60	54	24	82
AFR 0 FS	375	30°	40/60	54	15	70
AFR 0 FXS	375	30°	40/60	54	8	66
AFR 1	410	30°	50/65	60	24	94
AFR 1 FS	405	30°	50/65	60	15	84
AFR 0 K NEW	370	18°	50/65	50	12	44
AFR 1 K	400	18°	50/65	60	20	60
AFR 1 R	580	30°	55/80	65	24	99
AFR 2 R	690	30°	60/90	78	26	107
AFR 4 R	740	30°	80/100	90	30	135

- MONOWHEEL ditcher with CENTRAL excavation for slightly deeper ditches (54 - 90 cm) with a 30° wall angle. The machines are equipped with a 540 RPM P.T.O. shaft.
- These machines have a SINGLE DIGGING ROTOR and the excavated soil is discharged only to the right side of the ditch.
- The K series produces a ditch with a 18° wall angle.
- The FS and FXS series produce narrower ditches with the base of the ditch down to 8 cm in width.
- The R series is equipped with a transmission.

MINI-AFR DISPLACEABLE S SERIES



MODEL	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
	Kg.	0°	HP	A	B	C
MINI 50-S	315	30°	25/50	50	19	75
MINI 50 TV-S	325				19	75
MINI 50 FS-S	310				15	70
MINI 50 FXS-S	310				8	63
MINI 50 K-S	330	18°	25/50	50	15	48
AFR 0-S	480	30°	50/60	54	24	82
AFR 0 FS-S	475				15	70
AFR 0 FXS-S	475				8	66
AFR 1-S	510	30°	50/70	60	24	94
AFR 1 FS-S	505				15	84
AFR 0 K-S NEW	475	18°	50/70	50	12	44
AFR 1 K - S	505	18°	50/70	60	20	60

- MONOWHEEL ditcher similar to the previous series but that can be mechanically displaced in a LATERAL POSITION relative to the centre of the tractor by a maximum of 70 cm to the right.
- A motorised lateral displacement accessory option is also available.
- These machines have a SINGLE DIGGING ROTOR and the excavated soil is discharged only to the right side of the ditch.

MINI – AFR S SERIES



MINI 50 K SH



MINI 50 K SH



AFR1 S



AFR1 S

MINI-AFR DISPLACEABLE BL SERIES



MODEL	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
	Kg.	0°	HP	A	B	C
MINI 50-BL	340	30°	25/50	50	19	75
MINI 50 TV-BL	350				19	75
MINI 50 FS-BL	335				15	70
MINI 50 FXS-BL	335				8	63
MINI 50 K - BL	340	18°	25/50		15	48
AFR 0-BL	600	30°	50/60	54	24	82
AFR 0 FS-BL	595				15	70
AFR 0 FXS-BL	595				8	66
AFR 1-BL	630	30°	50/70	60	24	94
AFR 1 FS-BL	625				15	84
AFR 0 K-BL NEW	590	18°	50/70	50	12	44
AFR 1 K BL	625	18°	50/70	60	20	60
AFR 2R - BL	830	30°	60/90	78	26	107

- **MONOWHEEL** ditcher similar to the previous series but that can be mechanically positioned **BILATERALLY** relative to the centre of the tractor by a maximum of 90 cm **BOTH TO THE RIGHT AND THE LEFT**.
- A **HYDRAULIC** lateral displacement accessory is also available.
- These machines have a **SINGLE DIGGING ROTOR** and the excavated soil is discharged only to the right side of the ditch.

MINI – AFR BL SERIES



AFR1 BLH



AFR1 BLH



AFR1 BLH

MONO DOUBLE WHEEL DITCHERS



➤ CENTRAL:

RD1G SERIES

➤ SIMPLE DISPLACEMENT S:

RD1G-S SERIES

➤ BILATERAL DISPALCEMENT BL:

RD1G-BL SERIES

DITCHERS EQUIPPED WITH:

1 DIGGING ROTOR + 1 CLEANING DISC



RD1G CENTRAL SERIES



MODEL		P.T.O.	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
		RPM	Kg.	0°	HP	A	B	C
WITHOUT TRANSMISSION	RD 1 G 59	540	430	30°	45/55	60	20	90
	RD 1 G 69		465		55/70	70	26	106
WITH TRANSMISSION	RD 1 G 60	540	490	30°	45/55	60	20	90
	RD 1 G 70		540		55/70	70	25	106
	RD 1 G 75		690		60/75	77	26	112
	RD 1 G 80	540	780	30°	60/80	80	26	118
	RD 1 G 90	540	810		70/90	90	30	135
	RD 1 G 100	540	990		80/100	100	30	147
	RD 1 G 115	1000	1150	32°	90/120	115	40	172

- MONO DOUBLE WHEEL ditchers with CENTRAL excavation that dig ditches 60 cm to 115 cm deep with a 30° to 32° wall angle.
- These models are equipped with a DIGGING ROTOR + a CLEANING DISC that produce a perfect and smooth ditch profile on both sides.
- The excavated soil is discharged only to the right side of the ditch.
- A 1000 RPM P.T.O accessory is available for the 60 to 100 versions.

RD 1G SERIES



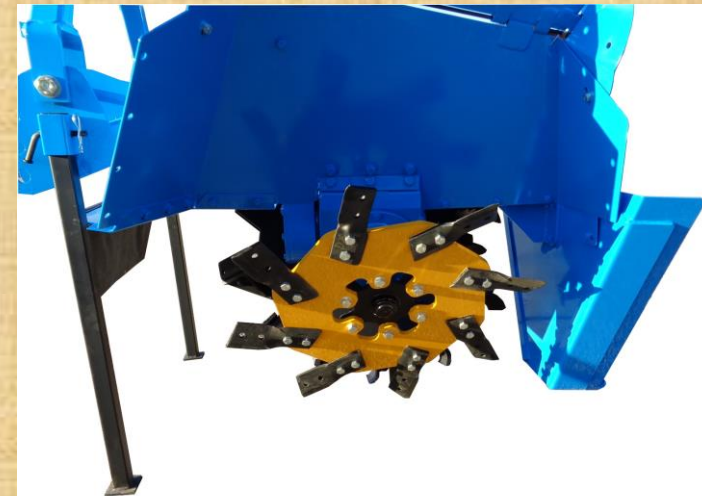
RD1G 70



RD1G 70



RD1G 100



RD1G DISPLACEABLE S – BL SERIES



MODEL		P.T.O.	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
WITHOUT TRANSMISSION	RD 1 G 59-S	540	530	30°	50/80	60	20	90
	RD 1 G 69-S		565		50/80	70	26	100
WITH TRANSMISSION	RD 1 G 60-S	540	590	30°	50/80	60	20	90
	RD 1 G 70-S		640		50/80	70	26	100
	RD 1 G 75-S		690		60/75	77	26	112
WITHOUT TRANSMISSION	RD 1 G 59-BL	540	650	30°	50/80	60	20	90
	RD 1 G 69-BL		685		50/80	70	26	100
WITH TRANSMISSION	RD 1 G 60-BL	540	710	30°	50/80	60	20	90
	RD 1 G 70-BL		760		50/80	70	26	100
	RD 1 G 75-BL		800		60/75	77	26	112

- **MONO DOUBLE WHEEL** ditcher similar to the previous series but with mechanical **LATERAL** displacement of the machine.
- These models are equipped with a **DIGGING ROTOR** + a **CLEANING DISC** that produce a perfect and smooth ditch profile on both sides. The excavated soil is discharged only to the right side of the ditch.
- **S VERSION** - **SIMPLE DISPLACEMENT** of up to 70 cm to the right.
- **BL VERSION** - **BILATERAL DISPLACEMENT** of up to 90 cm to the left and right.
- A **HYDRAULIC** displacement accessory is available both for the S and BL versions.

DOUBLE WHEEL DITCHERS



- **CENTRAL:** RD2G SERIES
- **SIMPLE DISPLACEMENT:** RD2G-S SERIES
- **BILATERAL DISPLACEMENT:** RD2G-BL SERIES

DITCHERS EQUIPPED WITH:

2 DIGGING ROTORS



RD2G CENTRAL SERIES

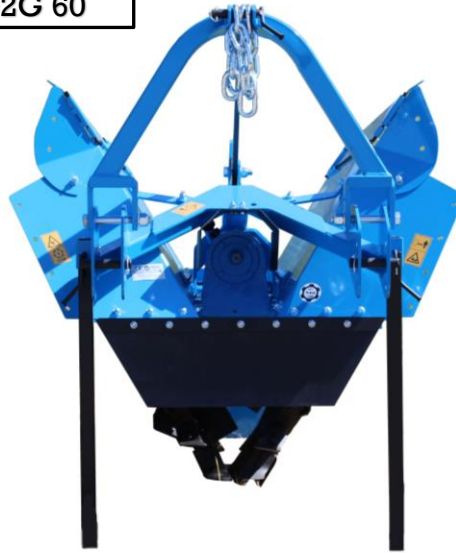


MODEL		P.T.O.	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
WITHOUT TRANSMISSION	RD 2 G 59	540	450	30°	50/80	60	20	90
	RD 2 G 69		500	30°	50/80	70	26	106
WITH TRANSMISSION	RD 2 G 60	540	510	30°	50/80	60	20	90
	RD 2 G 70		560	30°	50/80	70	26	106
	RD 2 G 75		620	30°	50/80	75	26	111
	RD 2 G 80		830	30°	70/90	80	26	123
	RD 2 G 90		880	30°	80/100	90	30	135
	RD 2 G 100		1030	30°	90/110	100	30	147
	RD 2 G 101	540	1250	32°	100/140	100	30	150
	RD 2 G 115		1350	32°	100/140	115	35	175
	RD 2 G 130		1450	32°	100/140	130	35	195
	RD 2 G 140		1550	30°	110/150	140	40	205
	RD 2 G 141		1550	23°	110/150	140	40	160
	RD 2 G 60 K	540	520	18°	50/80	60	22	62
WITH TRANSMISSION	RD 2 G 70 K		690	18°	70/90	70	22	76
	RD 2 G 90 K		810	18°	80/100	80/90	25	83

- DOUBLE WHEEL ditchers with CENTRAL excavation that dig ditches 60 cm to 140 cm deep with a 18° to 32° wall angle.
- These models are equipped with 2 DIGGING ROTORS, one to the right and one to the left and the soil is discharged on both sides of the ditch.
- The K series produces a ditch with a 18° wall angle.
- A 1000 RPM P.T.O accessory is available for the 60 to 100 versions.
- The 101 to 130 versions have bigger and sturdier gear boxes leading to a considerable increase in the weight of the machine.

RD2G SERIES

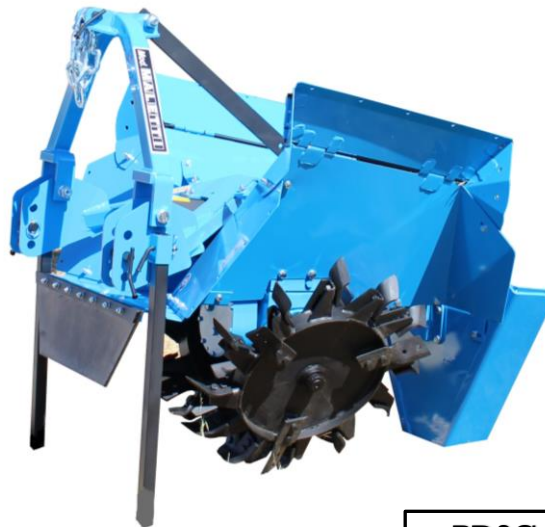
RD2G 60



RD2G 130



RD2G 60



RD2G 70BLH



RD2G DISPLACEABLE S - BL SERIES



MODEL		P.T.O.	MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	LOWER DITCH WIDTH	UPPER DITCH WIDTH
WITHOUT TRANSMISSION	RD 2 G 59-S	540	610	30°	50/80	60	20	90
	RD 2 G 69-S		660		50/80	70	26	100
WITH TRANSMISSION	RD 2 G 60-S	540	610	30°	50/80	60	20	90
	RD 2 G 70-S		660		50/80	70	26	100
	RD 2 G 75-S		720		60/75	77	26	112
WITHOUT TRANSMISSION	RD 2 G 59-BL	540	650	30°	50/80	60	20	90
	RD 2 G 69-BL		685		50/80	70	26	106
WITH TRANSMISSION	RD 2 G 60-BL	540	730	30°	50/80	60	20	90
	RD 2 G 70-BL		780		50/80	70	26	100
	RD 2 G 75-BL		850		60/75	77	26	112

- DOUBLE WHEEL ditcher similar to the previous series but with the added option of mechanical LATERAL displacement.
- These models are equipped with 2 DIGGING ROTORS, one to the right and one to the left. The soil is discharged on both sides of the ditch.
- S version - SIMPLE DISPLACEMENT of up to 70 cm to the right.
- BL version - BILATERAL DISPLACEMENT of up to 90 cm to the left and right.
- A HYDRAULIC displacement accessory is available both for the S and BL versions.

VERTICAL DITCHERS



➤ **CENTRAL:**

MV- V – VR ECO SERIES

➤ **BILATERAL DISPLACEMENT SERIES:**

SERIES: MV/V ECO – BL

DITCHERS EQUIPPED WITH:

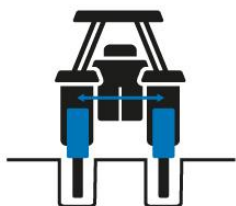
1 DIGGING ROTOR



VERTICAL DITCHERS

MODEL		MACHINE WEIGHT	DITCH WALL ANGLE	TRACTOR POWER	DITCH DEPTH	DITCH WIDTH	DITCH WIDTH
CENTRAL	MV 45 ECO	240	VERTICAL CUT	40 / 55	45	6.5	8 (10.4)
	V 50 ECO	390		45/75	50	6.5	8 (10.4)
	V 55 ECO	460		60/75	55	(8) 10.4	15
	V 60 ECO	520		70/90	60	(8) 10.4	15
	VR 75 ECO	700		90 / 110	75	(8) 10.4	15 (20)
	VR 90 ECO	880		100/120	90	(8) 10.4	15 (20)
	VR 100 ECO	1580		140 / 170	100	(8) 10.4	(15) 20
	MV 45	350	VERTICAL CUT	50 / 70	45	6.5	8 (10.4)
	V 50	460		45/75	50	6.5	8 (10.4)
	V 55	505		60 / 75	55	(8) 10.4	15
	V 60	565		70/90	60	(8) 10.4	15
	VR 75	970		90 / 110	75	(8) 10.4	15 (20)
	VR 90	1050		100/120	90	(8) 10.4	15 (20)
	VR 100	1820		140 / 170	100	(8) 10.4	(15) 20
	V R 115 / 120	1900	VERTICAL CUT	150 / 200	115 / 120	15	20
BILATERAL MOVEMENT	MV 45 eco BL	380		50/60	45	6.5	8 (10.4)
	V 50 eco BL	505		60/90	50	6.5	8 (10.4)
	V 55 eco BL	640		70/100	55	(8) 10.4	15
	V 60 eco BL	700		80/120	60	(8) 10.4	15

- MONO WHEEL VERTICAL ditchers that dig VERTICAL-SIDED ditches 8, 15 or 20 cm wide and with a maximum depth of 45 to 120 cm.
- These models are equipped with a SINGLE DIGGING ROTOR.
- The ditch width varies according to how the hoes are mounted on the rotor.
- A BILATERAL MOVEMENT version is also available (V-BL SERIES).



VERTICAL SERIES

