

XFLAIL 80

BARBIERI GROUP
MADE IN ITALY





A Common Philosophy

A compact and powerful ROBOT, fast working, that allows workers to operate in a safer and more comfortable area. A saving of time, labour and fuel that helps the environment and everyone who works in it.

With these aim and a lot of research and creativity BARBIERI company has built a **RANGE** of brilliant and safe Radio Controlled Machines combining robotic technology with high efficiency in a **LIGHT** and **POWERFUL** product; machines that require LESS ENERGY for their handling, doing the **same job** than a larger and more expensive equipment.

Ecological, economic, **efficient**, compact and **safe**.

Constant development, careful and precise TESTS and Barbieri's great passion for the environment created what is now considered a crucial solution in the radio controlled machines market: Xrots, Erot and Xflail are the choice of suppliers who always want to improve.

Your need, our **SOLUTIONS**.

Our Robot RANGES XROT and XFLAIL are equipped with the following features:

MACHINES FULLY OPERATED BY RADIO CONTROLLER WITH BIGGER DISPLAY AND 'VIBRO ALERT' SYSTEM: ERRORS CODES SHOWN ON THE SCREEN; ELECTRIC MOTORS FOR TRANSMISSION (48V) WITH AUTOMATIC BRAKES

- ▶ STURDY AND REINFORCED CHASSIS WITH ENGINE / BATTERY PROTECTION
- ▶ FRONTAL LED WORKING LIGHTS
- ▶ ELECTRICAL MOTORS FOR TRANSMISSION (48V) WITH AUTOMATIC BRAKES
- ▶ LIGHT TRACKS TYPE WITH TURF SHAPE, LESS IMPACT ON SOIL
- ▶ EXTREME CLIMBING ABILITY
- ▶ LIFTING HOOK
- ▶ HOURS COUNTER
- ▶ AUXILIARY PLUGS
- ▶ EASY MAINTENANCE AND REDUCED SPARE PARTS COSTS
- ▶ MULTI COLOURED FLASHING BEACON LIGHT, WITH AN INDICATOR OF THE MACHINE'S WORKING CONDITIONS



Radiocontroller





The Suitable IDEA: HEAVY DUTY

X FLAIL Range - Main shared features:

- ▶ ADJUSTABLE CUTTING HEIGHT BY RADIO CONTROLLER
- ▶ HORIZONTAL ROTOR WITH HIGH THICKNESS and 40 'Y' BLADES, THE IDEAL SOLUTION FOR HEAVY MOWING WORKS
- ▶ BOOSTED ENGINE 23 HP VANGUARD
- ▶ GREAT SLOPES WORKING ABILITY: 100%
- ▶ STRONG BODY FOR HEAVY DUTY WORKS
- ▶ "BEACON NET" FLASHING LIGHT TO SHOW MACHINE WORK STATUS
- ▶ AUTOMATIC RUBBER TRACKS TENSION ADJUSTMENT
- ▶ WATERTIGHTNESS E-MOTORS WITH BRAKES

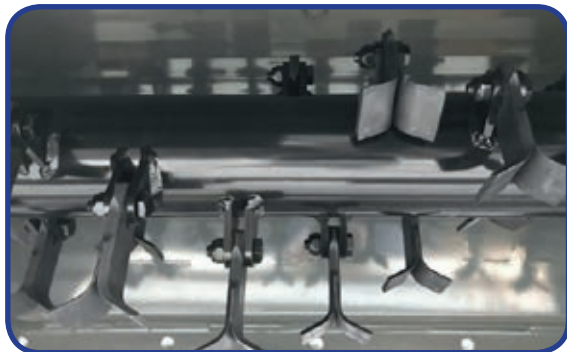
The X Flail range is characterized by a horizontal cutting system and floating knives, this system is able to cut and shred not only wet and tall grass but also shrubs, brambles and small trees up to a diameter of 4/6 centimetres.

The main feature is that the chopped product is uniformly distributed on the ground, all vegetative residues are finely chopped and then rapidly decomposed, avoiding leaving residues on the ground for a long time.

The knives are fixed to the rotor with a system that allows rotation on the fixing screw in case of violent impact against obstacles in the cutting area, this solution allows not to damage the rotor and reduce the vibrations transmitted to the machine, absorbing the energy created by accidental impact.

The X Flail range is particularly recommended to all maintenance workers who work along the roads, where abandoned waste can be found, not easily visible with tall grass, or to operators who are in charge of cleaning the undergrowth, where there are shrub growth or re-growth of trees.

Despite having all these professional features, the X Flail 80 model is easily transportable on vans or small trucks, which allows quick movement from one area to another during the working day, making this machine a very flexible solution to very demanding and critical jobs.



SERVO DRIVE

GPS Compass Servo Drive™ 2.0

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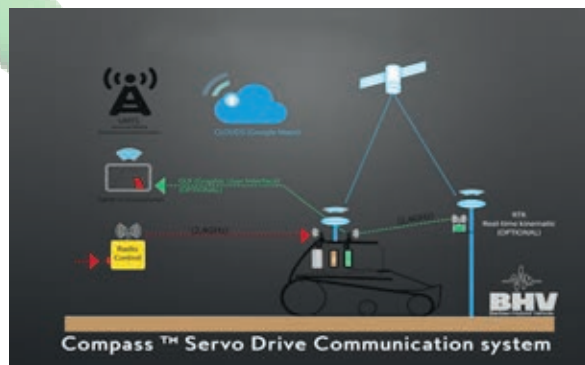
Integrated SERVO DRIVE Sistem 'GPS', fully operated from Remoted Control without any other additional device

The new Integrated hardware includes the telematic device GPS positioning system and the Servo Drive features, all-in-one. Fully operated by Radio Control includes also the high precision localization of the unit by the RTK (Real Time Kinematics) which allows the recording for future re-use of working path with the possibility to repeat the operation an infinite number of times.

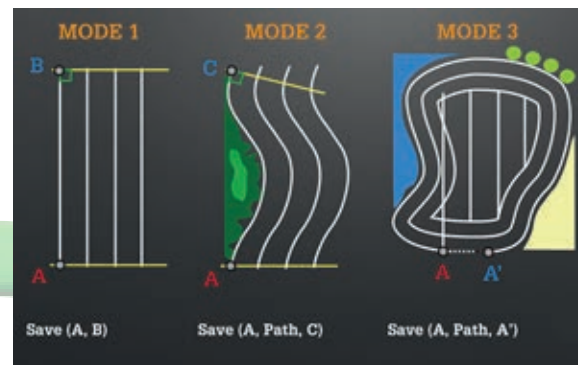
Additional feature is the Process Control through BHV App on Tablet or Smartphone (Android or iOS) with further possibility to adjust speed and working area.



HOW IT WORKS



THREE WORKING MODES



SMARTPHONE CONNECTION



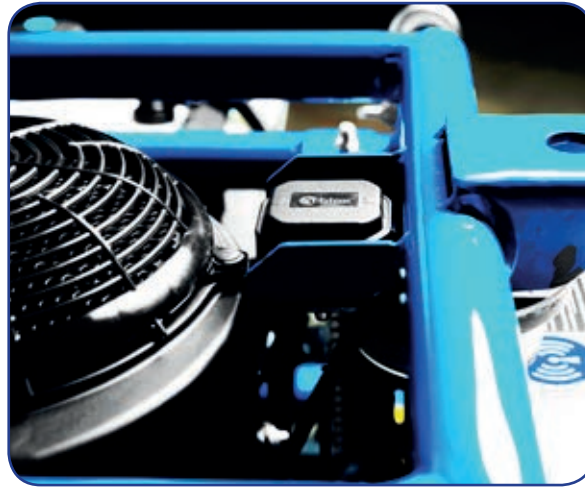
ACCESSORIES

The Multiple Use

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Flex Trimmer



GPS Compass Servo Drive



Snow Blade



Rear Lifting System



Flex Cut



MiXTY Atomizer Sprayer System

eROT 70 EVO

XROT EVO

XFLAIL 80



X Rot 70 EVO

Remote control slope Mower



X Rot 80 EVO

Remote control slope Mower



X Rot 95 EVO

Remote control slope Mower



e Rot 70 EVO

Remote control slope Mower



X Flail 80

Remote control slope Flail Mower



	e ROT 70-EVO Code 6200 300	X ROT 70-EVO Code 6200 80	X ROT 80-EVO Code 6200 84	X ROT 95-EVO Code 6200 90	X FLAIL 80 Code 6200 254
Working Width	70 cm.	70 cm.	80 cm.	95 cm.	80 cm.
ENGINE					
Petrol Engine Elec. Starter/		VANGUARD B&S 3565	KAWASAKI FS 481V	KAWASAKI FS730V EFI Electronic	VANGUARD B&S 3864
Electrical engine	BHV 83973N				
Torque (Nm)		38.4 @ 1800 RPM	38.4 @ 1800 RPM	54.3 @ 2000 RPM	48 @ 2800 RPM
Power (hp) / kW - Capacity	9,4 kW - 184 Ah	18 HP	13 HP	23 HP	23 HP
Battery Pack	200 A - 10 kW - 48v Litio NCM				
Battery autonomy (hours)	uo to 5 hours				
Fuel Tank Capacity (Lt)		16 Lt.	16 Lt.	32 Lt.	16 Lt.
CUTTING SYSTEM					
Cut System	Mulching	Mulching			Flail
No. Of Blades	2 swinging blades	2 swinging blades			40 Y Blades
Workable grass/brush (dia)	Grass 2/4 mm.	Grass 2/4 mm.			Brushes 4 cm.
Working Capacity Area m²/h (*)	3000	3000	3400	4000	2800
TECHNICAL DATA					
OVERALL DIMENSIONS	1206x1333x631 mm	1206x1282x807 mm	1256x1327x807 mm	1450x1375x844 mm	1378x1311x813 mm
Net Weight	370 Kg.	370 Kg.	380 kg.	480 Kg.	450 Kg.
Compacting Pressure	137 gr/cm²	130 gr/cm²	135 gr/cm²	168 gr/cm²	166 gr/cm²

(*) cutting conditions: grass maximum height 40 cm.; dry conditions; flat ground 25°



CODE	DESCRIPTION (Accessories)		e ROT 70 EVO	X ROT 70 EVO	X ROT 80 EVO	X ROT 95 EVO	X FLAIL 80
6217008	SET OF ELECTRICAL SOCKET/PLUGS FOR REAR LIFTING SYSTEM			✓	✓	✓	
6217004	REAR LIFTING SYSTEM			✓	✓		
6217005	MiXTY - ATOMIZER SPRAYER SYSTEM			✓	✓		
6217006	SET OF QUICK FIT ATOMIZER (to be installed with the code 6217004)			✓	✓		
6217007	REAR LIFTING SYSTEM for X ROT 95					✓	
6217001	SNOW BLADE 135 CM To be installed with Rear Lifting System (cod. 6217004) and Set Electrical Socket (cod. 6217008)			✓	✓		
6217002	FLEX CUT - FRONT SIDE ARM MOWER WITH TWO PIVOTING BLADES Socket (cod. 6217012) / (cod. 6217013)			✓	✓		
6217012	PREDISPOSITION FOR FLEX-CUT for Mod.: "X-ROT 70 EVO B&S"			✓			
6217013	PREDISPOSITION FOR FLEX-CUT for Mod.: "X-ROT 80 EVO Kawasaki"				✓		
6203200	MULTIFUNCTION STORAGE BOX			✓	✓		
6217003	FLEX TRIMMER - BACK SIDE TRIMMER ARM To be installed with Rear Lifting System (cod. 6217004) and Set Electrical Socket (cod. 6217008)			✓	✓		
Paint	RAL 2011 "KOMMUNAL"		✓	✓	✓		
6208055	GPS SERVO DRIVE COMPASS		✓	✓	✓	✓	✓
6203658	SHOULDER BAG FOR RADIO CONTROLLER		✓	✓	✓	✓	✓

(*) cutting conditions: grass maximum height 40 cm.; dry conditions; flat ground 25°



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MADE IN ITALY



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