

RAIBER

BARRIER MOWER

DISCOVERY 840

PROFES
SIONAL
EQUIP
MENT

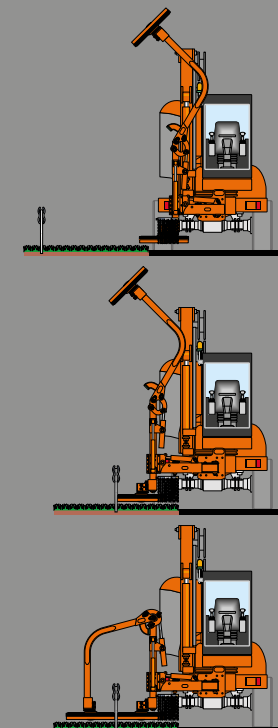


ENERGREEN[®] *America*
Professional Machines



EQUIPMENT

THE ACCESSORY SUITABLE FOR EVERY WORK



OPENING 180°

The great versatility and working speed of the machine partly depend on the possibility of opening the external arm 180°, permitting a fast and easy positioning and, most of all, enabling the machine to continue mowing with the internal disc while the external one, by lifting up, can pass over road or advertising signs that may be present along the way, while automatically interrupting the rotation of the blades.



Professional Barrier Mower

RAIBER DISCOVERY 840 is a barrier mower with independent hydraulic transmission system.

The equipment can be applied using the DIN plate to all vehicles for road maintenance. It is particularly suitable for our ILF self propelled range and Unimog vehicles equipped with all the necessary requirements for this application.

In some new generation vehicles, it can be controlled using the vehicle's standard commands, simply by bringing the equipment cables into the cabin and connecting them to the control panel.

The equipment is built with a sturdy tubular frame and provided with two arms which open to overcome road guard rails, cables, steel, fences, road signs, etc. It is able to simultaneously cut from both sides and below the obstacle with a cut width of about 59".

The equipment allows a front mowing on the right side of the vehicle.

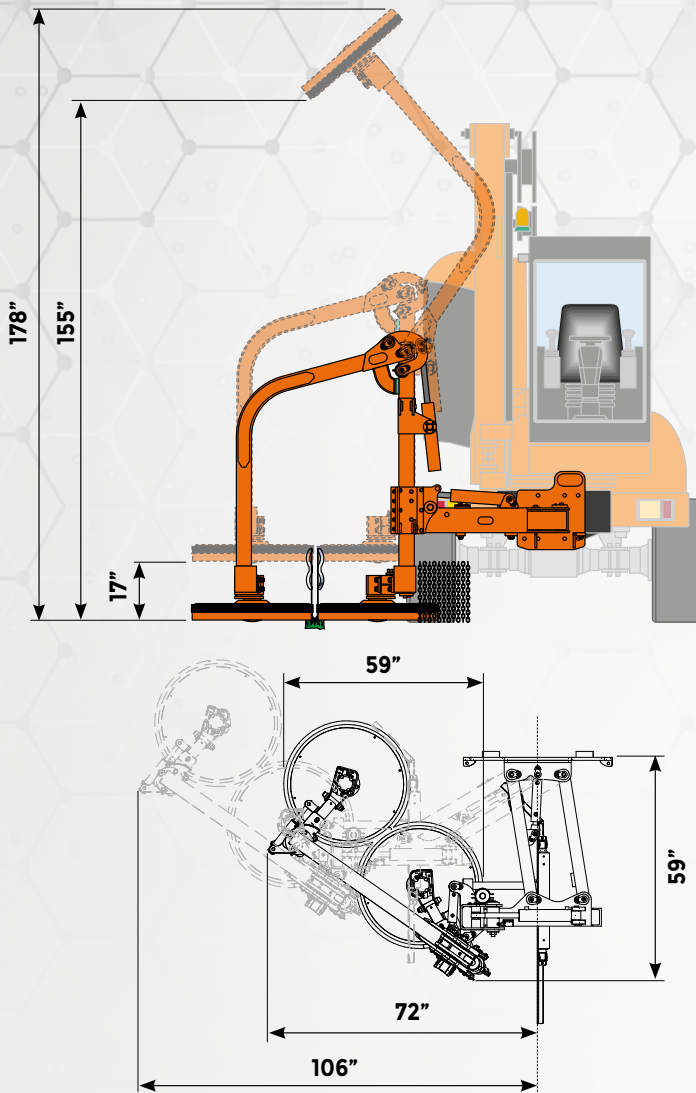


TWO MOWING DISCS

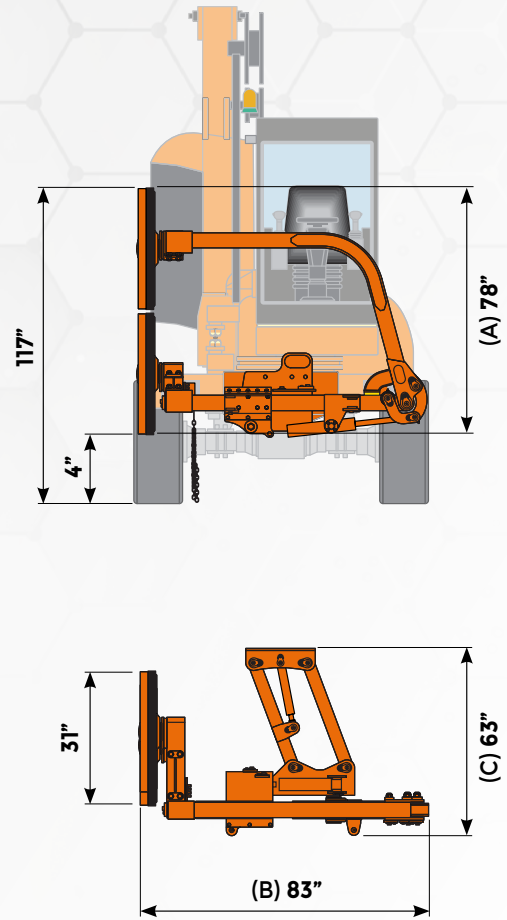
The two mowing discs allow the machine to operate safely and effectively. The rotary element is equipped with 2 articulated blades that are able to absorb the force of any collisions with standing obstacles, preventing damages on the hydraulic engine. A central neutral disc, which rests on the ground, enables the machine to cut following the contour of the terrain. The upper disc, equipped with an external rubber protection, can move around the vertical guardrail posts, automatically operating the spring that opens the elements so that the blades can cut all the grass present.



RAIBER DISCOVERY 840



TRANSPORT POSITION



TECHNICAL DATA

A Height	78"
B Width	83"
C Depth	63"
Cutting width	59"
Parallelogram movement	34"
Discs diameter	31"
Power required	85 HP
Absorbed power (1000 PTO)	45 HP (33 Kw)
Max. knives speed	3000 rpm
Mounting interface	Plate DIN 5 - EN15436-F1 Plate DIN 3 - EN15436-F2
Discs motor capacity	23,7 gal/min
Movements capacity	5,2 - 6,6 gal/min
Pressure	180 bar / 2610 psi
Electrical system	24 V
Weight	1543 lb

