

DAIRON



Heavy Duty RotaDairon



What is the Heavy Duty RotaDairon® Soil Renovator™ ?

Stones, clods, grass and debris present major problems when constructing or renovating sports fields and recreation areas or preparing ground for turf production. Quality and safety of all sports surfaces from golf fairways to sports fields are affected by surface stones. Germination rates and levelness of ground are also affected by clods and organic trash.

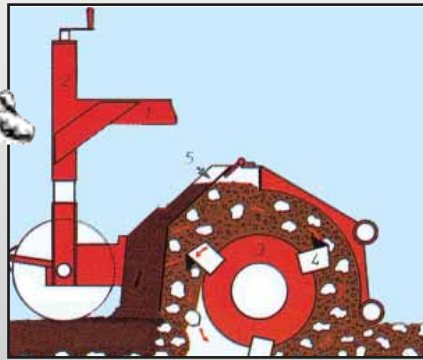
The Dairon Company, in association with members of the golf and turf industry, has developed a wide range of machines which bury all debris to leave a surface free of stones, clods, and trash :

HEAVY DUTY SOIL RENOVATORS SINGLE DRIVE : RX 130 & RX 180 DOUBLE DRIVE : RX 220 - RX 250 - RX 300

QUALITY MANUFACTURING



Torque wrench screw driver supplied with each RX 130 and RX 180 Soil Renovator. For highly accurate clutch adjustment.



Principle of operation

The roller frame (1) supports the rotor (3) by means of two depth control screw jacks (2). The reverse rotation rotor is equipped with special non panning blades (4) which throw all the soil and stones against the selection grate. The stones, clods and debris land at the bottom grate (5) of the cultivated depth to be covered with a blanket of fine soil 2 to 4 inches (5 to 10 cm) deep. The finishing roller packs and levels the soil surface ready for perfect seeding or sodding.

Your pro stones, c grass, de

- On golf courses
- Sports grounds baseball, cricket course...
- Green spaces : leisure parks...
- Sod producing a

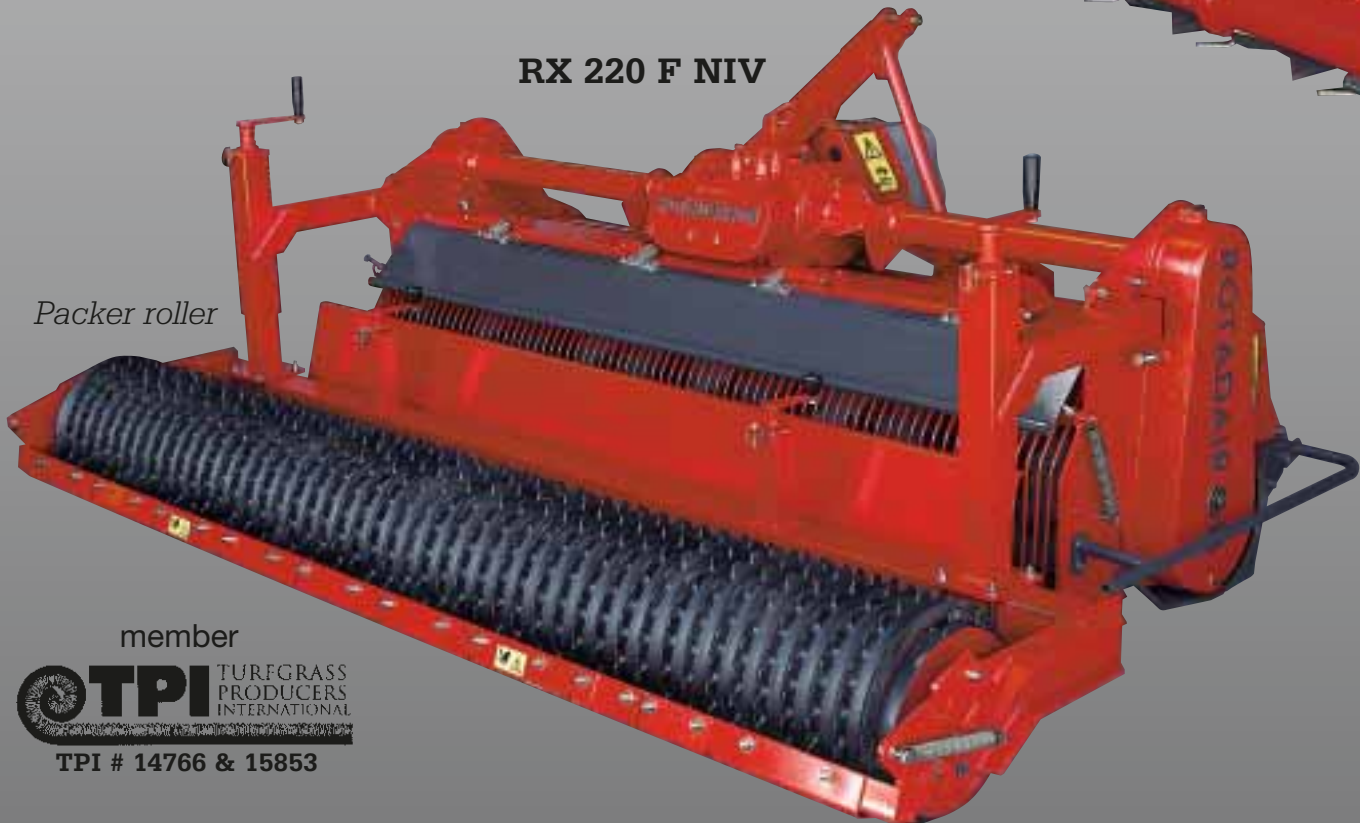
Condition

Utilization in o
deeply loosene
Ground speed
working condi



RX 220 F NIV

Packer roller



member



TPI # 14766 & 15853

- US Patent # 5,236,050 • Canada Patent # 2,011,355
- Specifications subject to change

EXCEPTIONAL

n[®] RX Soil RenovatorsTM

blem :
clods,
bris :

Our solution :
the RotaDairon[®]

- Reduces the cost of arduous stone picking (mechanical or manual)

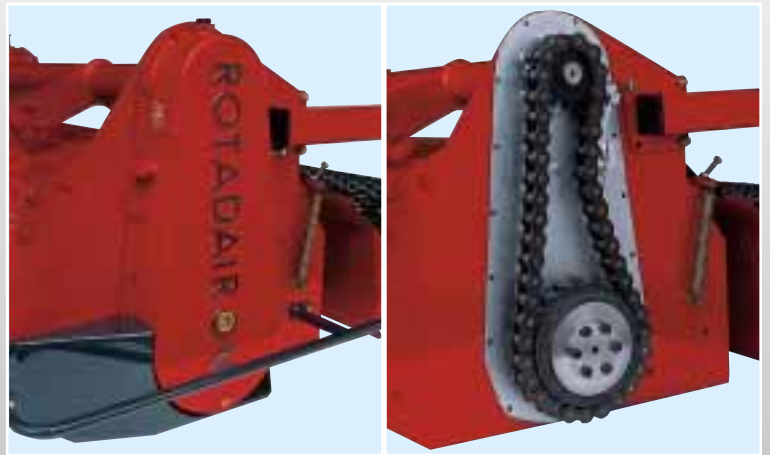
6 ACTIONS IN ONE PASS :

- Cultivation to a depth of 8,5 inches (22 cm)
- Burying of stones, clods, grass and debris
- Creation of a fine soil surface for accurate seed depth, and ideal for turf renovation
- Clean seed bed free of weeds and trash
- Levelling and finishing of the surface
- Rolling firm from 800 to 2000 lbs (250 to 900 kg) according to width and equipment

: football/soccer,
polo, rugby, race
public gardens,
reas

ns of utilization

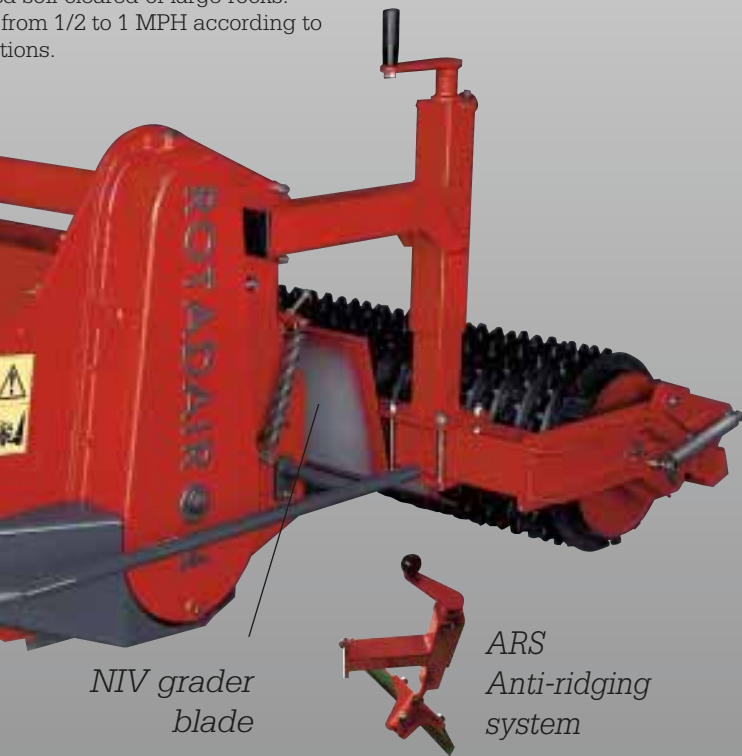
overgrowth or on previously and
ed soil cleared of large rocks.
from 1/2 to 1 MPH according to
tions.



Double rotor drive with hydraulic torque limiting systems at both rotor ends guarantees protection, reliability and long service (RX 220/250/300).

Technical specifications

HEAVY DUTY Soil Renovator		SINGLE DRIVE		DOUBLE DRIVE		
		RX 130	RX 180	RX 220	RX 250	RX 300
Work Width (mm)	51" (1300)	71" (1800)	87" (2200)	98" 1/2 (2500)	120" (3000)	
Overall width (mm)	62" (1600)	86" (2200)	116" (2950)	125" (3175)	148" (3800)	
Adjustable work depth	8" (200 mm)		8"5/8 (220 mm)			
Rotor outside diameter	20"2/8 (520 mm)		23"6/8 (610 mm)			
Depth control	screw jacks		screw jacks			
Nbr of blades	42	54	66	72	90	
Nbr of grate fingers	44	61	74	80	101	
3 point hitch	Categories 1 & 2		Category 2			
Required power (HP)	48 to 70	65 to 95	90 to 110	110 to 150	110 to 160	
PTO shaft rotation speed	540 or 1000 RPM		1000 RPM			
Transmission and protection	1 side driven dry clutch			2 sides driven hydraulic clutch		
Weight	Mesh roller	1760 lbs 800 kg	2060 lbs 935 kg	3190 lbs 1450 kg	3300 lbs 1500 kg	3870 lbs 1760 kg
	Packer roller	2250 lbs 1020 kg	2725 lbs 1235 kg	3975 lbs 1800 kg	4175 lbs 1890 kg	4770 lbs 2160 kg
Dimensions (mm)	Length	63" (1600)	87" (2200)	116" (2950)	125" (3175)	148" (3800)
	Width	61" (1550)	61" (1550)	71" (1800)	71" (1800)	71" (1800)
	Height	59" (1500)	61" (1550)	63" (1600)	63" (1600)	63" (1600)



NIV grader blade

ARS Anti-riding system

Features : heavy duty rotor mechanism, unbreakable screening rods.



No hard pan due to specially designed sectional blades.

- OPTIONS :
- Hydraulic toplinek
 - NIV grader blade
 - Packer roller
 - ARS Anti-riding system
 - SMX Seed-Box (RX 130/180/220)
 - SMA air-assisted seeder (RX 220/250/300)



RX 300
+SMA 300
(air seeder)

PROFITABILITY



PERFORMING RESULTS



Direct cultivation : buries grass on sport fields, lawns or sod producing areas.

OUR REFERENCES

Since 1958, demonstrated leadership and a know-how in the manufacturing of agricultural, green aeras and public works machinery.

OTHER ROTADAIRON EQUIPMENT



Public works



Forestry



Horticulture



Agriculture



Our firm located inside LE MANS race-track,
120 miles from PARIS by motorway .

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FOR US QUALITY IS A MUST