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Livemac

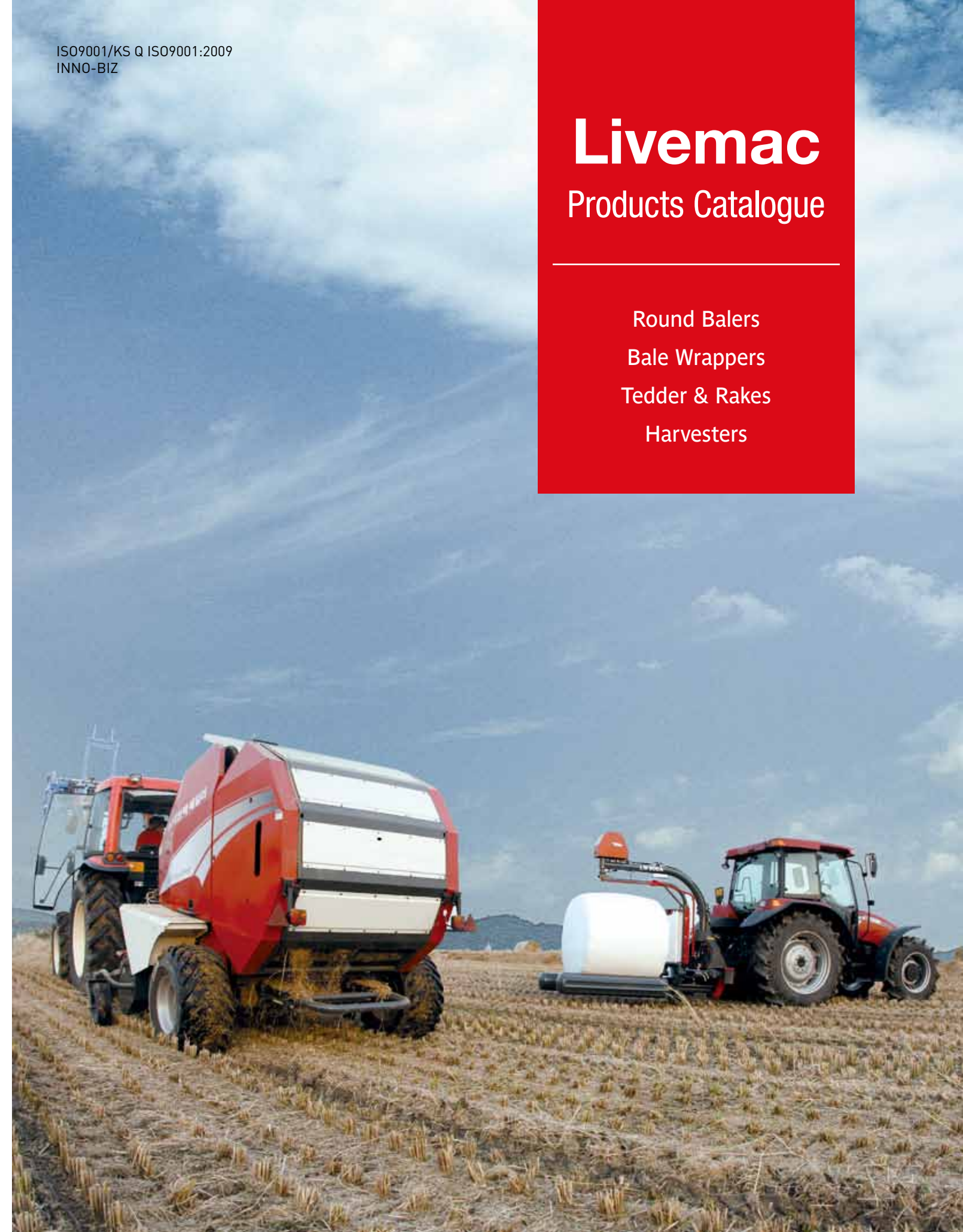
Products Catalogue

Round Balers
Bale Wrappers
Tedder & Rakes
Harvesters



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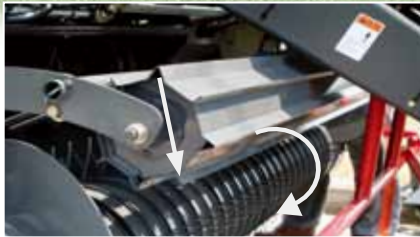


Round Balers

L325, L337



Pick-up screw



Crop-pressing roller



Super cut

► Smooth Operations with Less Crop Loss

A highly efficient rotor collects crops to the full extent with less crop loss as it pushes the crops into the inside from both outer sides along by a high speed pickup screw with strong pick-up tines without any difficulty in picking up a large amount of crop even. A crop-pressing roller increases the safety as it enables smooth crop inflow and cutting by pressing the crops.

In addition, the cutting load is minimized with a super cut (13 knives) manufactured in a solid method to easily cut the straws. When stones or other foreign materials are struck in the super cut, they are dropped to rear by automatically lowering a spring behind the blade, and consequently pure crops can be obtained.



► More profit with higher compression ratio

The well-compressed bales become a high quality of feed from the good fermentation because they contain less air due to our advanced bale compressing technology. Our roller-type round baler engineered with our accumulated design know-how forms higher compressed bales for hay and straw by the precise and solid grabbing device responding to the inflow volume by the pressure leading time adjustment as

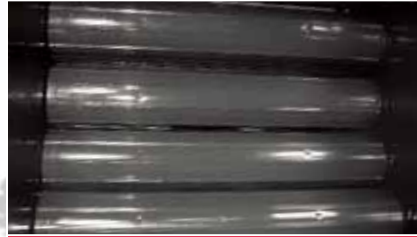
soon as bale is formed. However, it is useless to have any high hydraulic power if the grabbing strength of the rear door is not enough. To prevent this phenomenon, our hook-type locking device at the rear door solidly grabs the bale with no shake under the high pressure, and forms bales in a high compression.



Bale pressure adjustment



Locking device



18 convexo-concave Rollers

Specifications

MODELS	L325	L325 C	L337
BALE DIMENSIONS (cm)	Ø125x120 (Fixed)	Ø125x120 (Fixed)	Ø125x120 (Fixed)
PTO SPEED (rpm/min.)	540	540	540
MIN. POWER REQUIRED (Kw (HP))	52 (70)	67 (90)	67 (90)
PICK-UP WIDTH (cm)	200	200	210
PICK-UP RAKE WIDTH (CM)	166	166	186
ROLLERS	18	18	18
TINE BARS / TINES PER ROW	25/4	25/4	27/5
MACHINE DIMENSIONS (cm, L-W-H)	349 x 243 x 240	349 x 243 x 240	400 x 243 x 250
WEIGHT (kg)	2890	3180	3250
NET WRAPPING UNIT (ELECTRIC CLUTCH)	STD	STD	STD
IN-CAB ELECTRONIC CONTROL BOX	CONTROL BOX	CONTROL BOX	CONTROL BOX
SUPERCUT DEVICE	-	6 KNIVES	13 KNIVES
FEEDER	ROTOR	ROTOR	ROTOR
AUTOMATIC CHAIN LUBRICATION	STD	STD	STD
MANUAL LUBRICATION SYSTEM FOR ROLLER BEARINGS	STD	STD	-
AUTOMATIC LUBRICATION SYSTEM FOR ROLLER BEARINGS	-	-	STD
HYDRAULIC PICK-UP LIFTING	STD	STD	STD
WEDGES FOR TAILGATE	STD	STD	STD
CROP PRESSING ROLLER	OPT	STD	STD
WHEELS 15.0/55-17	STD	-	-
WHEELS 405/70-20 (EXTRA PRICE)	OPT	STD	STD
ARTICULATED PTO CONNECTOR	OPT	OPT	OPT
WIDE-ANGLE PTO SHAFT	OPT	OPT	OPT

Faster and More Convenient Movements

The hitch-type connection to the tractor makes it possible to have speedy attachment and detachment and easy to turn left or right during movement. The auxiliary wheels maintaining a constant height from the ground to the pickup device while in operation can be either attached or detached, which makes it possible always to have an easy movement as they can be stored on a shelf of the baler when you pass through any narrow road. When you need to discharge bales, you can have higher operation efficiency as you can carry out another operation immediately after discharging a bale without moving the baler in order to close the door while discharging because a bale kicker is equipped to easily discharge the bale.



Auxiliary wheels



Bale Kicker

Automatic Oiling Device



Automatic Oiling Device

Automatic Oiling Device increases durability and anti-wearing by softening the gaps of the rotating or contacting points of the operating parts and reducing the power consumption.

Efficient Power Distribution with an Involute-type Gearbox

The gearbox ensures fast and stable operation with less power not giving much burden to the machine when any heavy load is imposed, because it evenly distributes the initial in-taking power necessary for driving the parts of the baler to the left and the right. Livemac's unique design technology ensures fast and solid baling with tense and uniform netting.



Power Distribution



Netting Device



Midi Round Baler

L310



► More profit with higher compression ratio



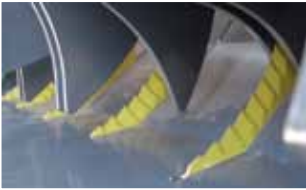
Pick up screw

A highly efficient rotor and strong pick-up tines collect crops to the full extent with less crop loss.



Auxiliary wheels

Auxiliary wheels maintain a constant height from the ground to the pickup device during operation even on the uneven ground.



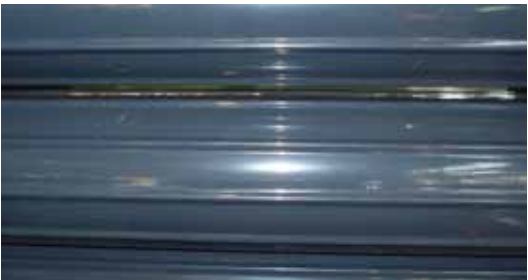
Powercut Device

6 Strong cutting knives minimize the cutting load and help to increase the compression density of the bales.



Locking device

Our hook-type locking device at the rear door firmly grabs the bales even under a high pressure in the baling column, and forms bales in a higher compression.



16 convexo-concave Rollers

High quality of Bales can be formed by the compression generated from 16 convexo-concave Rollers.



Power Distribution System

The gearbox ensures fast and stable operation with less power not giving much burden to the machine when any heavy load is imposed, because it evenly distributes the initial in-taking power necessary for driving the parts of the baler to the left and right.



Automatic Oiling Device

Automatic Oiling Device increases durability and anti-wearing by reducing power loss by softening the operational parts of the baler.



Netting Device

Livemac's own designed Netting device ensures fast and solid baling with tense and even netting, and makes it possible to produce the best quality of bales.

Specifications

MODEL	L310
BALE DIMENSIONS (cm)	Ø100x100
PTO SPEED (rpm/min.)	540
MIN. POWER REQUIRED (Kw (HP))	45 (60)
PICK-UP WIDTH (cm)	170
ROLLERS	16
TINE BARS / TINES PER ROW	28/4
MACHINE DIMENSIONS (cm, L-W-H)	298 x 232 x 198
WEIGHT (kg)	1835
NET WRAPPING UNIT (ELECTRIC CLUTCH)	STD
IN-CAB ELECTRONIC CONTROL BOX	CONTROL BOX
POWERCUT DEVICE	6 KNIVES
FEEDER	ROTOR
AUTOMATIC LUBRICATION	STD
HYDRAULIC PICK-UP LIFTING	STD
WEDGES FOR TAILGATE	STD
CROP PRESSING ROLLER	STD
WHEELS 11.5/80-15.3	STD
WIDE-ANGLE PTO SHAFT	STD

Bale Wrappers

LW500A, LW550-2AR,
LW900A, LW900-2AR



► Livemac has always been at the core of high-tech in producing the bales in a constant form and high density.

The Bale Wrapper that Livemac has developed for the first in Korea in 2003 stems from our cutting-edge technology, which has been created from our repeated research and development efforts. The core advantages of Bale Wrapper lie in an easy operation at anytime and anyplace with a wireless remote controller. This wireless remote controller with the high tech functions ensures an operation even 100 meters away, which now makes it possible

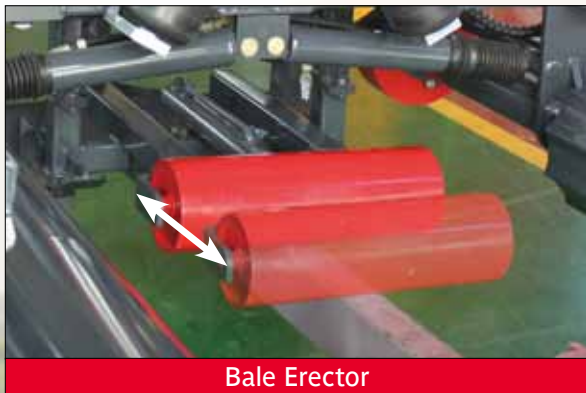
to have prompt and convenient work regardless of job conditions. There is no need for any wiring job on the modules to operate the wireless remote controller. Livemac's Bale Wrapper, upgraded one step further by taking the wireless remote controller, leads to your success in all wrapping works.

► Arm-Type Bale Wrapper Ensures Your Works Faster.

The Wrapper can give you faster work since it can move while wrapping, by taking 3-point hitch to solidly attach to the tractor for the wrapper not so as to land down on the ground while in a fast movement. The arm-type wrapper carries out loading and unloading with two arms at the same time in order to increase working speed. Our two-arm Wrapper supplies the most favorable conditions for fermentation as it wraps the bale and drains air in a short time.



Automatic Bale Wrapping System



Bale Erector

► Safe Operation

Any damage to the machine as well as any accident to people can be safely prevented as its rotation is automatically stopped when any objects touches the safety bar in the rotating arms during wrapping operation.



Safety Bar



Medium-Sized Wrapper

Specifications

MODELS	LW900-2AR	LW900A	LW500A	LW550-2AR
DIMENSION (cm)	327×201×232	258×160×270	210×140×210	293×256×212
WEIGHT (kg)	965	857	652	720
BALE DIAMETER (cm)	Ø105~130 (*160)	Ø105~130 (*160)	Ø90~100	Ø90~100
BALE WEIGHT, MAX (kg)	800	800	400	400

* Bale Diameter of Max. 160cm: Available on the request of Distributor

Functions for High-Quality Silage

Our hydraulic power controller moves slowly when the wrapping operation starts, and realizes an excellent performance in a high speed. It performs uniform and solid wrapping operation by minimizing all loads with slow operation to the final. The smooth operation can be continuously maintained without stopping the arms even though a different hydraulic power is suddenly applied during the wrapping operation. The hydraulic power control system prevents the wraps from tearing or defects caused from dislocations, which stands for Livemac's differential technology for producing the best quality of silage. In addition, the gear transmission device attached to the wrap-loosening equipment helps to ferment the silage by adjusting the looseness of wraps to a desired strength according to the weather conditions. Wrap width can be easily changed according to the usage of wraps. The sliding-cut pipes are adopted for slow cutting so as to prevent wraps from tearing. More advantages of our Wrapper are to recover the shape of any improper or dented bales.

Convenient Automatic System

Functions such as controlling the number or wrapping can be arbitrarily adjusted with a simple controlling in your tractor and operations can be done with one-touch function either in the semi-automatic mode or automatic mode. While working in the semi-automatic mode, you may carry out loading, wrapping and unloading jobs individually by stage. While working in the automatic mode, by pressing the automatic mode, you may increase the efficiency of your work by carrying out loading, wrapping and unloading of the bales automatically and sequentially.

Free from Wires!

A Wireless Remote Controller Ensures You to Work Anywhere



Gear Transmission Type



Wrap Cutter



Loading Arm Device



Rotating Arm Driver

Harvester

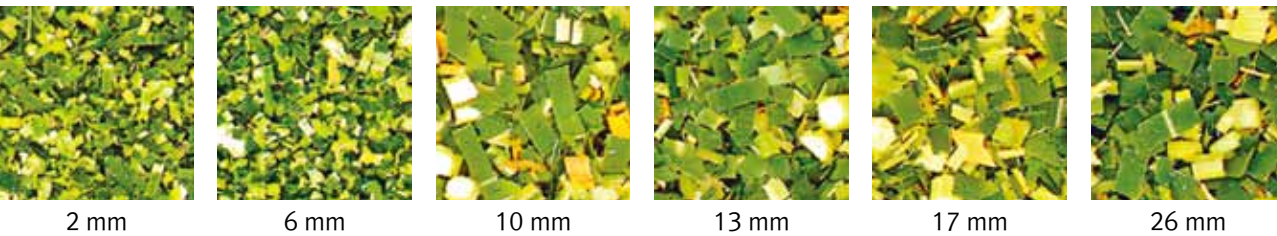
LCH1



► Harvester proved on the various field conditions! Experience the variety and precision of chopping!

- Easy, safe and fast sharpening through a built-in sharpener.
- A variety of chop sizes through fast and easy change of gear.
- Easy to attach heads.
- Clean cut through involute-shaped knives by heat treatment.

► The various sizes and high precision of chopping (2.0mm~22mm).



Specifications

DIMENSIONS (cm)	242 x 240 x 369
WEIGHT (kg)	600
NO. OF WORKING ROW	1
WORKING CAPACITY (TON/HR)	25
MIN. POWER REQUIRED (Kw (HP))	37(50)

Self-propelled Forage Harvester

LCH2-T

Top quality silage from harvesting of a wide range of crops like corn, sudan grass



- ▶ Economical and highly efficient operation
- ▶ For harvesting of the crops regardless of rows
- ▶ For harvesting of various crops of corn, sudan grass



Pack-bag Base Plate

Unloading of a pack-bag in the cab with a wireless remote controller can be easily done every time when each loading of a bag is over.



Header

Drum-type header enables to harvest a wide range of crops like corn, sudan grass.



Chute

Adjustable hydraulic chute controls direction of the outlet.



Convenient Transport

Easy to transport by truck as chute and hopper are foldable.

▶ LCH2-T Features

- Safe from roll-over or any risks thanks to excellent stability
- Centralized devices in the cab give the driver a convenient and comfortable operation
- Crawler track provides a smoother and safer operations even on weak or wet field



Stable front wheel driving (Equalizer)



Outstanding driving rubber crawler track



Specifications

MODEL	LCH2-T
WORKING WIDTH (cm)	125
DIMENSIONS (cm, L-W-H)	706 x 197 x 341
ENGINE (hp)	84.5
FUEL TANK CAPACITY (ℓ)	65
CRAWLER (cm, Width x Ground Length)	50 x 150
WEIGHT (kg)	3530
SPEED SHIFT SYSTEM	HST
WORKING SPEED (m/sec)	0 ~ 2.57
PACKING TYPE	Pack-bag

Tedder & Rakes

R482, R562, R622



► Features of Livemac Wider Tedder & Rakes

- **Enclosed built-in cam track gearbox ensures excellent durability and raking balance**
- **Wide working width**
R482 (4.0~4.8m Hydraulic adjustment)
R562 (5.6m) / R622 (6.2m)
- **Built-in dual tire ensures the stability as well as excellent performance even in wet or uneven field condition**
- **Light, precise and strengthened bearing housing**
- **Easy maintenance!**
 - Designed for easy replacement of each rotor shaft without disassembling the cover
 - One touch detachment and attachment of tine shaft
- **Easy operation!**
Prompt adjustment of Rotor Inclination and Tine Height

MODELS	R482	R562	R622
WORKING WIDTH (cm)	400~480	560	620
CATEGORY 3-POINT HITCH	I, II	I, II	I, II
PTO SPEED (rpm)	540	540	540
POWER REQUIRED (HP)	45	85	100
ROTORS	2	2	2
ARMS PER ROTOR	5	8	8
TINES PER ARM	3	3	4
TRANSPORT WIDTH (CM)	275	226	228
LENGTH (CM)	345	286	310
HEIGHT	116	128	128
WEIGHT (KG)	490	820	1050

R562,R622 Foldable, Easy Transport

Tedder & Rakes

LRT320, LRT360, LRT420



► The advanced tedder & rakes with high durability and smart operational efficiency!!

- Possible to operate with a big horse power tractor by installing a gear box and a frame with angular bars, which are the most powerful in the same level to the extent that has no comparable installation in products by competitors
- Excellent durability and fewer failures by adopting a dual bearing system in the arm axis
- A tine holder designed for easy attachment and detachment to the tine with the excellent anti-shock ability and durability
- Designed to align to the direction of a tractor in consideration of stability while moving on any road and narrow space
- Possible to have the raking operations to collect straws cleanly by a guide
- Easy to change over to either raking or tedding operation by simply adjusting the angle with a handle on the upper control cam of a built-in cam track

MODELS	LRT320	LRT360	LRT420
WORKING WIDTH (cm)	270~320	305~360	355~400
CATEGORY 3-POINT HITCH	I	I, II	I, II
PTO SPEED (rpm)	540	540	540
POWER REQUIRED (HP)	30	35	40
ROTORS	2	2	2
ARMS PER ROTOR	5	5	5
TINES PER ARM	2	2	2
TRANSPORT WIDTH (CM)	190	240	255
LENGTH (CM)	244/295	322	322
HEIGHT	115	115	115
WEIGHT (KG)	400	410	450