

**JAY-LOR**<sup>®</sup>

*BECAUSE NUTRITION MATTERS.*<sup>®</sup>

5650

BECAUSE  
NUTRITION  
MATTERS.<sup>®</sup>



# NUTRITION MATTERS

You may already have a nutritionist, and that's perfect. At Jaylor we want you to think of us as your 'feed mixer' nutrition specialist. When you purchase a Jaylor mixer, we are at your service, so please feel free to email us, anytime, at [nutrition@jaylor.com](mailto:nutrition@jaylor.com). We'll answer all your nutrition questions. That's what goes with being a Jaylor customer!

At Jaylor, "It's all about the Mix". This is why Jaylor now includes a Shaker Box with every purchase of a Jaylor TMR Mixer. Mix uniformity and resistance to ingredient sorting define the optimum TMR mix. A TMR mix is the result of an interaction between mixer design and performance, ingredient characteristics, and operating procedures. The Shaker Box provides a simple way to test the uniformity of particle size and ingredient distribution within a batch, as well as between loads. This also enables fine tuning of mixing procedures to create the optimum mix, as well as to monitor mixer performance. At Jaylor we expect our mixers to perform... "Because Nutrition Matters"®.



**Dr. Alan S. Vaage &  
Janet D. Kleinschmidt**

Jaylor Nutrition Team

# THE AUGER

## SQUARE CUT AUGER

Jaylor's innovative and patented auger produces a quality mix faster and cleaner. A fundamental feature of the Jaylor auger is the 'Square Cut' edges that contribute to its industry-leading ability to process baled forage and other roughage, and mix it into a uniform TMR that resists sorting. The improved cutting action means less pressure on the mix and improved feed ration for your animals.

The patented sloped top prevents bridging of round bales, allowing them to be rapidly cut apart while increasing the mixing action. The unique slide plate gently and efficiently gathers the feed into the auger for elevation in a way that decreases friction on the feed, reducing horsepower requirements by 20%. Less friction results in reduced power consumption, which translates to lower operating costs for you.

Jaylor uses specially designed and oriented knives for maximum cutting efficiency when processing long forage. They are self-sharpening, selected and tested for durability and long life. Optional specialty knives (Page 18) may be added to increase the processing and feedout capability of Jaylor TMR mixers, especially when processing round bales, and coarser varieties of forage.



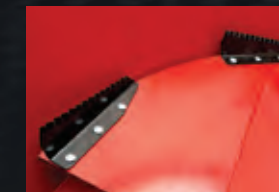
SLOPED TOP



CARBIDE COATED KNIVES



SQUARE CUT EDGES



SLIDE PLATE



ALEXANDER KNIVES



VERTICAL KNIVES



# SINGLE AUGER MIXERS: 5000 SERIES

Jaylor Single Auger TMR mixers are available in a variety of configurations ranging in capacity from 350 to 575 cubic feet (ft<sup>3</sup>). They are ideal for feeding small to mid-sized dairy and cow-calf operations,

medium-sized beef feedlots (especially backgrounding and grower operations), as well as large sheep and goat facilities. Each one is an industry leader in its class at quickly processing

round or square baled hay and/or baleage into uniform rations that will resist sorting. The 5400 is a “low-profile” machine and ideal for using with smaller skid-steer loaders, or wherever height is limited. All these mixers come standard with the patented Jaylor auger and the full range of innovations (page 3), warranties (page 20), and with a full range of options (pages 15-18) to create your tailored feeding solution.



	<b>5350</b>	<b>5400</b>	<b>5425</b>	<b>5575</b>
CAPACITY NO EXT.	350ft <sup>3</sup>   9.9m <sup>3</sup>	375ft <sup>3</sup>   10.6m <sup>3</sup>	450ft <sup>3</sup>   12.7m <sup>3</sup>	475ft <sup>3</sup>   13.5m <sup>3</sup>
CAPACITY 8" EXT.	380ft <sup>3</sup>   10.8m <sup>3</sup>	410ft <sup>3</sup>   11.6m <sup>3</sup>	485ft <sup>3</sup>   13.7m <sup>3</sup>	515ft <sup>3</sup>   14.6m <sup>3</sup>
CAPACITY 12" EXT.	405ft <sup>3</sup>   11.5m <sup>3</sup>	440ft <sup>3</sup>   12.5m <sup>3</sup>	515ft <sup>3</sup>   14.6m <sup>3</sup>	545ft <sup>3</sup>   15.4m <sup>3</sup>
CAPACITY 16" EXT.	425ft <sup>3</sup>   12.0m <sup>3</sup>	465ft <sup>3</sup>   13.2m <sup>3</sup>	540ft <sup>3</sup>   15.3m <sup>3</sup>	575ft <sup>3</sup>   16.3m <sup>3</sup>
WEIGHT	7300lbs   3300kg	7900lbs   3600kg	7500lbs   3400kg	9400lbs   4300kg
HEIGHT	103in   262cm	93in   236cm**	108in   274cm	114in   290cm
LENGTH	201in   511cm	212in   538cm	212in   538cm	216in   549cm
DRUM WIDTH	91in   231cm	102in   259cm	97in   246cm	102in   259cm
PTO SPEED	540 RPM	540 RPM	540 RPM	540 RPM
MINIMUM HP REQUIREMENTS	60 HP	70 HP	70 HP	80 HP
AUGER SPEED	41 RPM	41 RPM	41 RPM	41 RPM
NUMBER OF KNIVES	9	8	9	11
AUGER FLIGHTING THICKNESS	5/8in   16mm	5/8in   16mm	5/8in   16mm	5/8in   16mm
MAX DISCHARGE HEIGHT*	60in   152cm	60in   152cm	60in   152cm	60in   152cm
CONVEYOR WIDTH	36in   91cm	36in   91cm	36in   91cm	36in   91cm
DOOR OPENING WIDTH	42in   107cm	42in   107cm	42in   107cm	42in   107cm
FLOOR THICKNESS	5/8in   16mm	5/8in   16mm	5/8in   16mm	5/8in   16mm
DRUM WALL THICKNESS	1/4in   6mm	1/4in   6mm	1/4in   6mm	1/4in   6mm
STANDARD TIRES	12.5L-15FI LR 'F' (2)	15.0/55-17 26 PLY (2)	15.0/55-17 26 PLY (2)	15.0/55-17 26 PLY (2)
WHEEL ASSEMBLY	Single Straight Axle	Single Straight Axle	Single Straight Axle	Single Straight Axle

\* with optional 72" conveyor

\*\* with optional low-profile tires



# OPTIONS



## EXTENSIONS

Made of high-density polyethylene (HDPE) and available in three heights (8, 12 and 16 inch). Especially useful for containing long forage during processing (12 and 16 inch), or adding mixing capacity (8 inch).



## MODERN FEED MANAGEMENT

Jaylor, with Dinamica Generale, offers the most advanced feed management tools available today. This includes real-time control of the TMR batching process, including DM content using NIR technology.



## ROAD SAFETY

High-strength safety chains are available to prevent break-away and resulting damage to trailed mixers.



## ANGLING BLADE AUGER

An optional Angling Blade Auger is available for selected applications where more aggressive loading of the auger is desired, such as when routinely mixing smaller batches, specialty liquids or high-grain finishing rations.



## TRANSMISSIONS

Two-speed transmissions are available for both 540 and 1000 RPM machines to decrease the horsepower requirement for operation, as well as to ease restarting when full after extended travel or standing overnight. A further option permits the operation of a 540 machine with a 1000 RPM PTO drive.



## HAY RING

For high forage rations, a hay retention ring may be added to prevent spillage.



## FENDERS

To further enhance the appearance of your mixer and to reduce splashing, fenders may be added.



## VERTICAL KNIFE

Mounted on the slide plate, these knives improve the processing and feed-out of rations that contain larger amounts of long forage, and especially when pre-processing long forage.



## TIRES

Jaylor offers multiple configurations for varied applications, carrying capacity and flotation, as required.



## PTO SHAFTS

Machines that come with #6 PTO shaft can be upgraded to a larger #8 PTO shaft, and both can be upgraded to Constant Velocity versions to increase durability and enable turning during operation.



## CENTRAL GREASE

Regular maintenance is simplified with the central greasing option, which routes the grease ports to one bank. Standard on Twin Auger Mixers.



## REMOTE SHIFTER

On mixers with transmissions installed, a remote shifter may be added to allow changing of gears from the tractor cab.



# WEIGHING SYSTEMS

Powered by:  **dinamica generale®**

# WARRANTIES

## INDICATORS



**STAD 04**

**STAD 04 PLUS<sup>2</sup>**

**WIN SCALE<sup>2</sup>**

**TOP SCALE IC**

Total and partial weighing



Program batching and feeding



Data recording and management (PC)



Full remote, auto, and NIR control capable



## ACCESSORIES



**P2P**

Control major functions remotely



**Wi-Net**

Attach wired and wireless remote displays



**IP-Com**

RF communication for mixer control by office PC



**DTM-IC**

PC Software for mixer & feeding management



**Motor Controller**

Automate mixer operation



**Dina-Tel 2**

Full display and control of one or more indicators



**Cab**

1" Red LED Remote Display



**Weight Repeater**

2.4" Red LED Remote Display



**XL- Alphanumeric**

5" Color LED Remote Display



Our 5 Year Frame Warranty is against faulty workmanship and materials at no additional cost. All you have to do is register, and if ever there is a problem within those five years, we'll take care of it.



Our planetary gearbox is constantly tested under our stringent quality assurance program, and as a result we offer a 5 pro-rated Year Warranty on the gearbox for both single and twin auger mixers.



On our Single and Twin auger mixers, the DG weighing system comes with a 4 Year Warranty.



Jaylor also offers a 1 Year Warranty on all other components of the entire mixer.



# PARTS & SERVICE

Jaylor prides itself on building quality mixers that are meant to last. Our full parts inventory is here for you, when you need it. We try never to have less than a 98% fill rate on current production items, assuring you immediate shipping for your parts requests. Orders are responded to and shipped in 24 hours or less via courier, depending on the time of day the order is received. Jaylor dealers always ensure they have a full complement of replacement parts that are subjected to regular wear during operation. These consist of knives, conveyor components, chains, sprockets, and bearings. These parts are readily available at your Jaylor dealer, reducing your downtime to a minimum. To further increase the speed at which our parts are received, we've added a warehouse in Chicago effectively reducing the time and expense of cross-border shipments. Should the need arise, critical components can be at the airport for next flight service in as little as 32 minutes.

Jaylor has earned the reputation of building the most durable and reliable mixer in the industry. We are constantly reviewing and updating the design of our mixers, and the quality and performance of optional components. Over the years, Jaylor has expended a great deal of time and financial resources toward Research and Development resulting in high quality, technically advanced products for the agricultural market. We believe in the quality of our mixers, and offer exceptional warranties including: our Five Year Frame Warranty, Four Year Scale Warranty, Five Year Pro-Rated Planetary Gearbox Warranty, and One Year Balance of Mixer Warranty. All warranties are valid from the date of registration.

Jaylor has always maintained a high degree of service, in all we do, and our customer service hotline allows you to contact us during and after our standard business hours. Proud of our quality reputation, Jaylor works with the utmost speed and fairness to resolve any queries or problems our customers may have. Jaylor's global network of dealers maintains a generous inventory of replacement parts to meet any emergency need. In the event they might not have a particular part, Jaylor will ship out the required part, usually within the same day.

Our new web site [www.JAYLOR.com](http://www.JAYLOR.com) is full of invaluable nutrition information. Visitors can dialogue with our staff of nutritionists and watch one of several nutrition videos. Jaylor and our team of dealers are ready to serve you.

[service@jaylor.com](mailto:service@jaylor.com) • 1-800-809-8224

# 20 YEARS OF INNOVATION

In 2013, Jaylor marked its 20th year of manufacturing and marketing vertical TMR mixers to 42 countries, worldwide. During that time, our central focus has always been to build "the best TMR mixer in the world" based on reliability and performance, as defined by the quality of the mix in the feedbunk. This is what ultimately determines the productivity and profitability of your herd, and as a result, the true value of your TMR mixer. Jaylor won the Ontario Global Traders Award for market expansion in 2008. In 1996, we established our patented Square Cut Auger; the Slope Top patent followed in 2000; our Alexander Knife in 2009; and the Mini Mixer was released in 2010. This is why Jaylor has also invested in our own team of professional ruminant nutritionists, not only to assist with future innovation and product development, but also to be available to you, our customer, to ensure you get the most from your Jaylor TMR mixer... Because Nutrition Matters®.



"I don't think there are many greater feelings you can actually get than to have a farmer come up to you and say, 'You know, you build the best machine in the world. We're always going to stick with Jaylor. It's just the best.'"

Jake Tamminga, President

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