

BECAUSE
NUTRITION
MATTERS.[®]
JAY•LOR

ATTACHMENTS

TMR MIXERS

www.JAYLOR.com



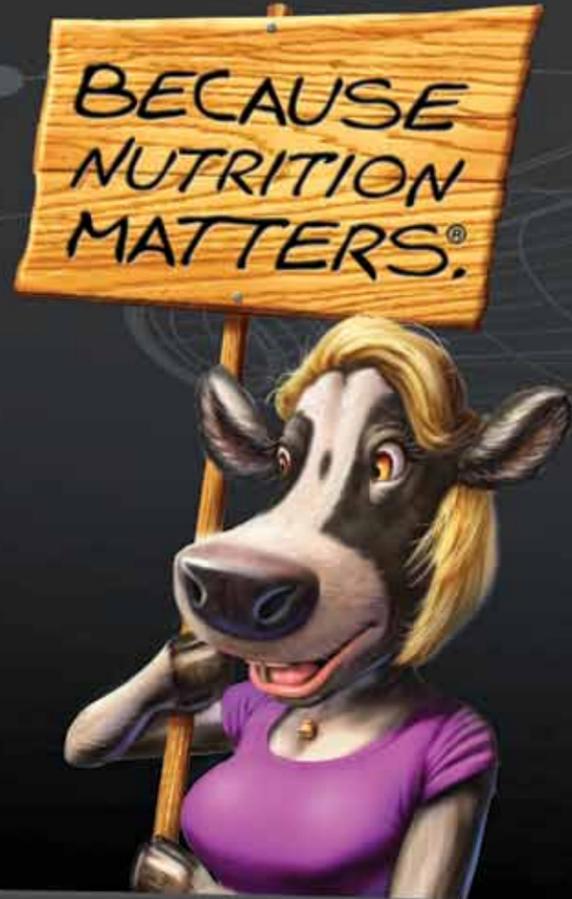
NUTRITION MATTERS

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. 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
Jaylor Nutritionist



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 are 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 20) 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

Jaylor Single Auger TMR mixers are available in a variety of configurations ranging in capacity from 350 to 575 cubic feet (ft³). 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 22), and with a full range of options (pages 17-21) to create your tailored feeding solution.



	5350	5400	5425	5575
CAPACITY NO EXT.	350ft ³ 9.9m ³	375ft ³ 10.6m ³	450ft ³ 12.7m ³	475ft ³ 13.5m ³
CAPACITY 8" EXT.	380ft ³ 10.8m ³	410ft ³ 11.6m ³	485ft ³ 13.7m ³	515ft ³ 14.6m ³
CAPACITY 12" EXT.	405ft ³ 11.5m ³	440ft ³ 12.5m ³	515ft ³ 14.6m ³	545ft ³ 15.4m ³
CAPACITY 16" EXT.	425ft ³ 12.0m ³	465ft ³ 13.2m ³	540ft ³ 15.3m ³	575ft ³ 16.3m ³
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

TWIN AUGER MIXERS

Jaylor 5000 Series Twin Auger TMR mixers are available in a wide range of configurations in capacities from 615 to 960 cubic feet (ft³). These machines are used to feed larger dairy and cow-calf operations and feedlots ranging in size from as little as a hundred head, up to thousands of head. Each one is an industry leader in its

class at processing round or square baled hay and baleage into uniform rations, which are resistant to sorting during eating, in a minimum amount of time. They are also ideal for mixing pre-processed silage and grain rations, including high grain finishing rations, with which full mix uniformity is achieved in as little as three

to five minutes. The “Low Profile” 5600 is capable of being used with skid-steer loaders. All these mixers come standard with patented Jaylor augers and the full range of innovations (page 3), warranties (page 22), and with a full range of options (pages 17-21) to create your tailored feeding solution.



	5600	5650	5750	5850
CAPACITY NO EXT.	615ft ³ 17.4m ³	650ft ³ 18.4m ³	N/A	800ft ³ 22.7m ³
CAPACITY 8" EXT.	675ft ³ 19.1m ³	700ft ³ 19.8m ³	N/A	865ft ³ 24.5m ³
CAPACITY 12" EXT.	720ft ³ 20.4m ³	740ft ³ 21.0m ³	740ft ³ 21.0m ³	910ft ³ 25.8m ³
CAPACITY 16" EXT.	765ft ³ 21.7m ³	780ft ³ 22.1m ³	780ft ³ 22.1m ³	960ft ³ 27.2m ³
WEIGHT	12900lbs 5900kg	12700lbs 5800kg	13000lbs 5900kg	13500lbs 6100kg
HEIGHT	93in 236cm**	102in 259cm	112in 284cm	108in 274cm
LENGTH	303in 770cm	290in 737cm	290in 737cm	308in 782cm
DRUM WIDTH	97in 246cm	91in 231cm	91in 231cm	97in 246cm
PTO SPEED	540 RPM	540 RPM	1000 RPM	1000 RPM
MINIMUM HP REQUIREMENTS	105 HP	105 HP	115 HP	125 HP
AUGER SPEED	41 RPM	41 RPM	38 RPM	38 RPM
NUMBER OF KNIVES	16	18	18	18
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' (4)	12.5L-15FI LR 'F' (4)	15.0/55-17 26 PLY (4)	15.0/55-17 26 PLY (4)
WHEEL ASSEMBLY	Dual Oscillating	Dual Oscillating	Dual Oscillating	Dual Oscillating

* with optional 72" conveyor ** with optional low-profile tires

TWIN AUGER HD MIXERS

The Jaylor 5000 Series Twin Auger HD TMR Mixers are larger, and are designed for heavier loads and for use over rougher surfaces than the standard 5000 Series, Twin Auger Mixers. They are available in a full range of configurations in capacities from 740 to 1295 cubic feet (ft³). They have a heavier frame and sub-structure, cast dual-axle walking beam assemblies with extra heavy-duty axles

and hubs, and heavier duty wheels and tires. They also come with thicker auger flighting and floors. Together these enhancements make the Jaylor HD mixers capable of blending and transporting mixes that are up to 75% heavier; ideal for large dairies and beef operations. Each HD series mixer is an industry leader in its class at efficiently and rapidly processing round or square baled hay and

baleage into uniform rations that are resistant to sorting and ideal for mixing pre-processed silage and grain rations, in as little as three to five minutes. All the HD mixers come standard with 3/4" thick patented Jaylor augers and the full range of innovations (page 3), warranties (page 22), and with a full range of options (pages 17-21) to create your tailored feeding solution.



	5750HD	5850HD	51000HD	51250HD
CAPACITY NO EXT.	N/A	800ft³ 22.7m³	925ft³ 26.2m³	1125ft³ 31.9m³
CAPACITY 8" EXT.	N/A	865ft³ 24.5m³	990ft³ 28.0m³	1190ft³ 33.7m³
CAPACITY 12" EXT.	740ft³ 21.0m³	910ft³ 25.8m³	1045ft³ 29.6m³	1245ft³ 35.3m³
CAPACITY 16" EXT.	780ft³ 22.1m³	960ft³ 27.2m³	1095ft³ 31.0m³	1295ft³ 36.7m³
WEIGHT	15500lbs 7000kg	17600lbs 8000kg	19800lbs 9000kg	23100lbs 10500kg
HEIGHT	120in 305cm	116in 295cm	117in 297cm	135in 343cm
LENGTH	290in 737cm	308in 782cm	318in 808cm	318in 808cm
DRUM WIDTH	91in 231cm	97in 246cm	102in 259cm	102in 259cm
PTO SPEED	1000 RPM	1000 RPM	1000 RPM	1000 RPM
MINIMUM HP REQUIREMENTS	125 HP	135 HP	155 HP	200 HP
AUGER SPEED	38 RPM	38 RPM	38 RPM	41 RPM
NUMBER OF KNIVES	18	18	22	26
AUGER FLIGHTING THICKNESS	3/4in 19mm	3/4in 19mm	3/4in 19mm	3/4in 19mm
MAX DISCHARGE HEIGHT*	66in 168cm	68in 173cm	68in 173cm	68in 173cm
CONVEYOR WIDTH	36in 91cm	36in 91cm	36in 91cm	36in 91cm
DOOR OPENING WIDTH	42in 107cm	42in 107cm	42in 107cm	42in 107cm
FLOOR THICKNESS	3/4in 19mm	3/4in 19mm	3/4in 19mm	3/4in 19mm
DRUM WALL THICKNESS	1/4in 6mm	1/4in 6mm	1/4in 6mm	1/4in 6mm
STANDARD TIRES	435/50R19.5 (4)	445/50R22.5 (4)	275/70R22.5 (8)	275/70R22.5 (8)
WHEEL ASSEMBLY	Walking Beam	Walking Beam	Walking Beam	Walking Beam

* with optional 72" conveyor

TRUCK MOUNTS

Truck mounted TMR mixers are especially useful when feeding larger numbers of animals grouped by age or stage of production, or at multiple locations. Jaylor produces the full range of the 5000 Series mixers in its Truck Mount line, either as new units, built to specification on the truck of your choice at the Jaylor factory, or as Truck Mount Installation kits installed on your truck of

choice by selected Jaylor Dealers. All Jaylor Truck Mount mixers are driven by a powerful and robust hydrostatic drive system, engineered for years of trouble-free operation. They are also designed and built with the same capability to quickly process baled forage and produce quality, uniform mixes as are Jaylor's trailed mixers. Jaylor Truck Mounts come standard with patented Jaylor augers and

the full range of innovations (page 3), warranties (page 22), and with a full range of options (pages 17-21) to create your tailored feeding solution. Contact your nearest Jaylor Dealer or call 1.800.809.8224 and ask about creating your own specific Jaylor Truck Mount feeding solution.



5575
TRUCK MOUNT



51000
TRUCK MOUNT

JUST BECAUSE...

Pull poster from centre of the catalogue, and hang on your favourite wall. Post your photo of the poster on facebook, tag it @Jaylor and tell us how much you like it!

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STATIONARY MIXERS

Jaylor supplies stationary mixers in all 5000 Series sizes and configurations for livestock production, as well as to facilities engaged in composting, municipal waste management, recycling, and bio-digester energy production. Each unit is designed and engineered to meet the requirements of a specific customer, and can be powered either electrically, by stand-alone engine, or by PTO, using either a mechanical drive or a powerful and robust hydrostatic drive, which

is recommended for applications approaching continuous operation. Of particular note is the 5350 Stationary Mixer, which is powered by two ten horsepower single-phase electric motors. This makes it ideal for smaller, more traditional barns and feeding systems (e.g. using silos), as well as rural areas in general, where three-phase power is unavailable. Jaylor's Stationary Mixers have the same industry-leading capability for efficiently processing baled forage into

uniform rations that are resistant to sorting. All these mixers come standard with patented Jaylor augers and the full range of innovations (page 3), warranties (page 22), and with a full range of options (pages 17-21) to create your tailored feeding solution. Contact your nearest Jaylor Dealer or call 1.800.809.8224 and ask about creating your own specific Jaylor Stationary Mixer feeding solution.



5350
STATIONARY



51000
STATIONARY

DISCHARGE OPTIONS



FRONT DOOR

Easily view the mix as it unloads. Ensures rapid and complete feed-out of the mix. Self-cleaning guides for trouble-free operation.



CORNER DOOR

A front-right corner door is available as a simple discharge solution without the cost of a conveyor. Self-cleaning guides for trouble-free operation.



DOOR CHUTE

A chute may be added to mixers equipped with a corner door to allow easier placement of the feed. Available with or without a magnet.



6' WITH 41" EXTENSION

Our most popular discharge option is a one-way conveyor with a 41" flip-up extension configured to discharge left or right.



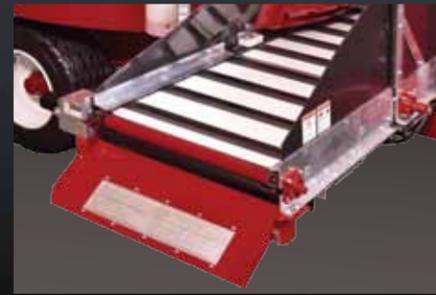
CENTER SIDE DOOR

Useful in narrow aisles or in stationary setups where a conveyor is not required. Dual side doors allow feed out on both sides simultaneously. Self-cleaning guides for trouble-free operation.



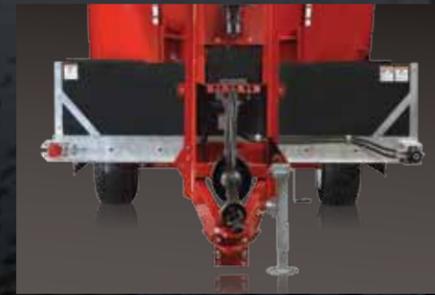
DROP FLOOR

Corner doors are available with an optional drop floor to allow a smoother, more rapid discharge. Part of the floor is hinged and hydraulically opened.



MAGNET

Magnets are recommended to be added to all mixers, attached to feed chutes, to minimize the risk of any metal in the feed entering the feed bunk and causing hardware disease.



8' OR 9'2" FLAT

A flat two-way conveyor is also available, in either 8' or 9'2" long, capable of discharging feed both to the left as well as to the right.



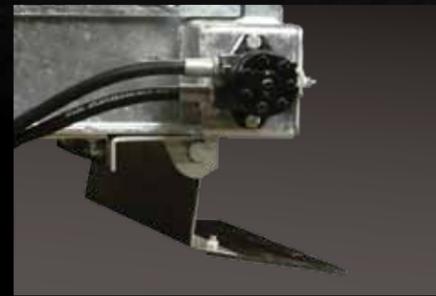
REAR DOOR

Useful when pre-processing and unloading into commodity storage. Self-cleaning guides for trouble-free operation.



3' CONVEYOR

For mixers equipped with a corner door, an optional 3' conveyor may be added for bunk feeding.



CONVEYOR BOOT

Hydraulically-operated boot system for dual discharge conveyors to prevent spillages.



8'6" TELESCOPIC

A flat two-way conveyor 8'6" long is available on our 5000HD Series, capable of telescoping 18" in either direction. Reduces overall width for narrow doorways or road travel.

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).



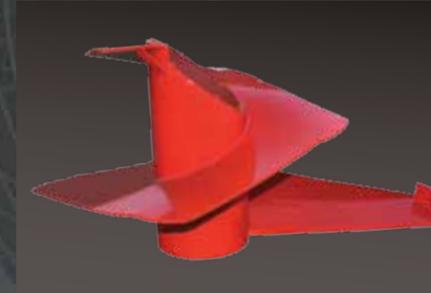
MODERN FEED MANAGEMENT

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

WARRANTIES



STAD 04 **DG500** **WIN SCALE 2** **TOP SCALE IC**

INDICATORS

Total and partial weighing

Program batching and feeding

Data recording and management (PC)

Full remote, auto, and NIR control capable

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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



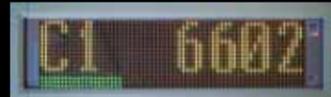
Cab

1" Red LED Remote Display



Weight Repeater

2.4" Red LED Remote Display



XL-Alphanumeric

5" Color LED Remote Display



Our 5 Year TMR Mixer 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 Attachments and TMR Mixer components.

LOADER ATTACHMENTS

Jaylor's attachment lineup features the tools to facilitate a good nutrition system, allowing you to take advantage of the benefits of wrapped bales without giving up convenience.

The Bale Shear allows bales to be easily sheared in half while conveniently removing the netting or plastic wrap. Slicing bales before loading them into the TMR mixer helps reduce mixing time - effectively saving time and fuel.

The Silage Shear is the ultimate bunk management tool for loading haylage or corn silage into a TMR mixer. The sharp blade effortlessly shears a slice off the pile, into the bucket, without disturbing the rest of the bunk. This method of cutting silage from the bunk face allows for a precise amount to be removed, reducing spoilage of unused material. The material can then be loaded directly into the TMR mixer without changing buckets.

The Bale Grabber allows conventional and wrapped silage bales to be handled without damaging the sealed plastic layer. This allows your operation to take advantage of the benefits of wrapped bales without sacrificing convenience.



	B125	S125	S175	S250	S350	S475	G125
WORKING WIDTH	56in 142cm	35in 90cm	59in 150cm	77in 195cm	77in 195cm	95in 240cm	80in 203cm
WORKING HEIGHT	70in 178cm	27in 68cm	27in 68cm	31in 80cm	43in 110cm	51in 130cm	32in 81cm
WORKING DEPTH	38in 97cm	30in 76cm	30in 76cm	30in 76cm	30in 76cm	34in 85cm	38in 97cm
CAPACITY	5' x 6' Bale	17ft ³ 0.5m ³	32ft ³ 0.9m ³	43ft ³ 1.2m ³	59ft ³ 1.7m ³	92ft ³ 2.6m ³	2200lbs 1000kg
WEIGHT	840lbs 381kg	575lbs 260kg	795lbs 360kg	1190lbs 540kg	1520lbs 690kg	2865lbs 1300kg	550lbs 250kg
TINE DIAMETER	2in 5cm	1.5in 4cm	N/A				