



GROUND CARE



HARVESTING



LIVESTOCK



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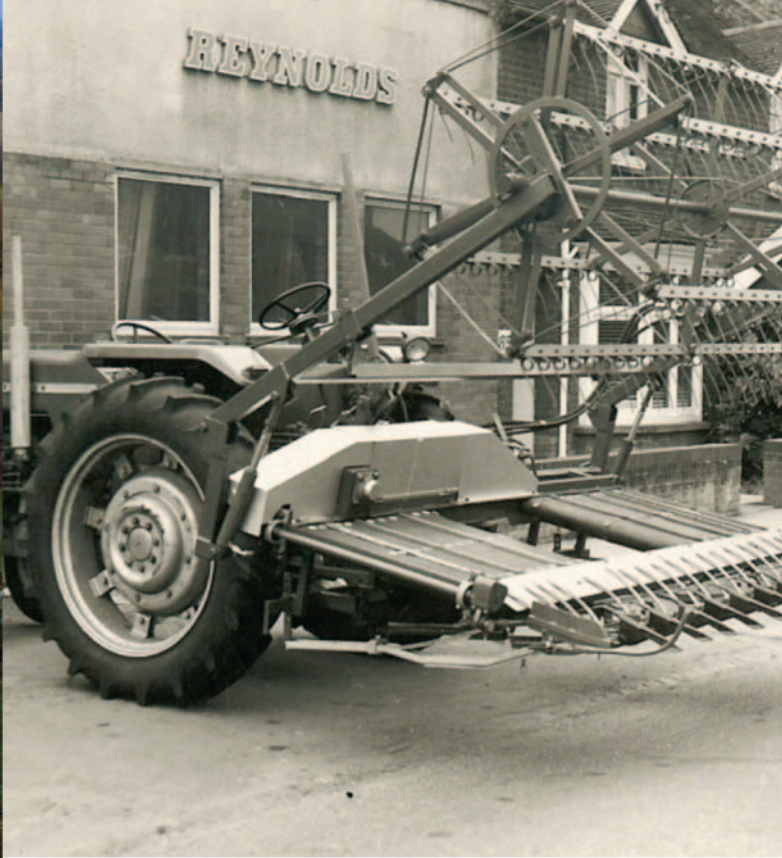
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DIET FEEDERS

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02/2026



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OVER FIVE DECADES OF FARM MACHINERY

FOUNDED IN 1972, SHELBOURNE REYNOLDS HAS BEEN A FIXTURE IN AGRICULTURAL EQUIPMENT MANUFACTURING EVER SINCE.

Today, we are located on the same site in Stanton, near Bury St Edmunds, Suffolk, where we were established – but our business continues to grow. Our factory now covers over 12,000 sq m of the two hectare premises on which we are based, and employs 170 people.

Here, we use the latest design software to create the machines our markets demand, and utilise some of the most sophisticated manufacturing equipment available to produce not only Powermix diet feeders, but also Shelbourne hedge/verge trimmers, Powerspread manure spreaders and a host of other arable, livestock and groundcare machinery.

Our manufacturing technology includes CNC machining centres, laser steel cutting machines and one of the UK's largest powder coat paint facilities. All of this means we are able to create in-house, to extremely high standards, a large proportion of the components required for our equipment, using processes including machining and gear cutting to manufacture specific drives for specific applications.

With Shelbourne Reynolds equipment, there's no question of compromising machine performance or longevity by using lower spec cheaper components. That means our dealers and customers benefit from knowing that we put our name to every key component of our equipment.



A PROVEN HISTORY IN FEEDER PRODUCTION

EXPERIENCE IS AN ESSENTIAL ELEMENT OF RELIABLE DESIGN, AND WITH A HISTORY OF DIET FEEDER PRODUCTION STRETCHING BACK MORE THAN 25 YEARS, YOU CAN BE SURE SHELBOURNE REYNOLDS HAS JUST THAT.

Our first Powermix models were introduced in 1996. Since then, our focus has always been on the bale processing capabilities, positive mixing action and low horsepower requirements of auger-based machines.

But as farms have expanded and herd sizes have grown, our engineers have kept pace by designing new, higher capacity models with faster mixing and feed-out times. Today, the Powermix range spans models with capacities from 9-46 cubic metres, with augers and feed-out systems built to match specific capacity sectors.



Read on to find out how the characteristics we design into our feeders can help you to get more from your feed, no matter what the size of your enterprise.

POWERMIX AUGER DESIGN

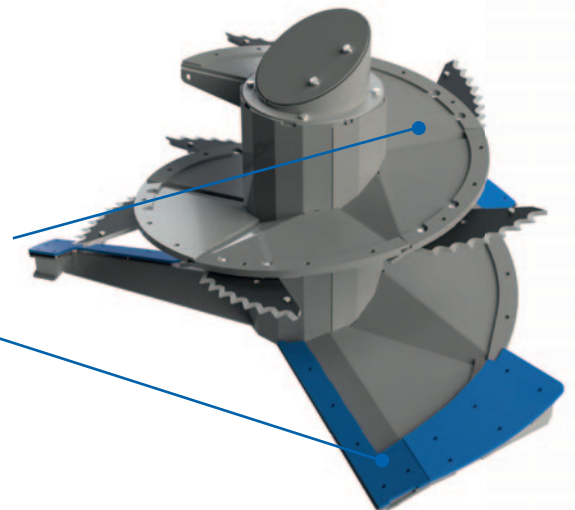
The Heart Of The Machine

• BLUE SHADING INDICATES STAINLESS STEEL



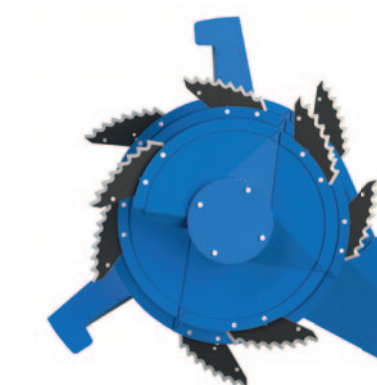
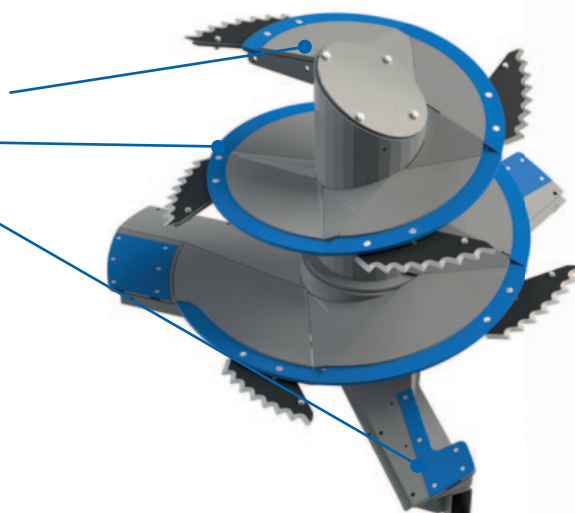
POWERMIX PRO

- Stepped Auger Flights 15mm S500 Steel
- Hardox Wear Pads Welded
- Auger Magnet
- 3 Feed Out Legs
- Blades Per Auger: 9m - 7
11m - 7
13m - 10
15m - 11



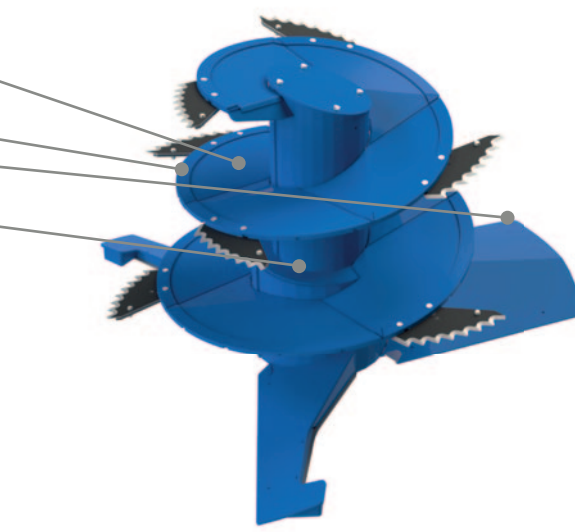
POWERMIX PLUS COMPACT

- Stepped Auger Flights 15mm S500 Steel
- 15mm Stainless Steel Edging
- Bolt on Stainless Steel Wear Pads
- Auger Magnet (1 per machine)
- 3 Feed Out Legs
- Blades Per Auger: 16m - 7
18m - 7
20m - 7
22m - 8



POWERMIX PLUS WIDE BODY

- Stepped Auger Flights Stainless Steel
- 22mm Stainless Steel Edging
- Stainless Steel Wear Feed Out Legs
- Stainless Steel Tube
- Stainless Steel Welds
- Auger Magnet (1 per machine)
- 3 Feed Out Legs
- Blades Per Auger: 24m - 7
30m - 9



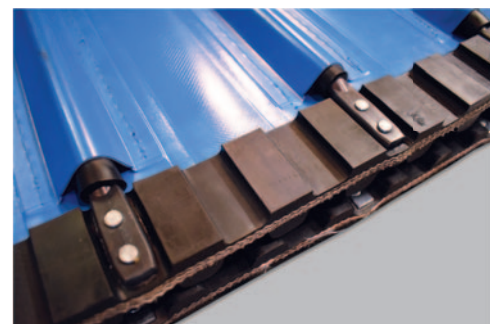
THE EXPRESS ELEVATING FRONT CONVEYOR

3 Conveyors in 1

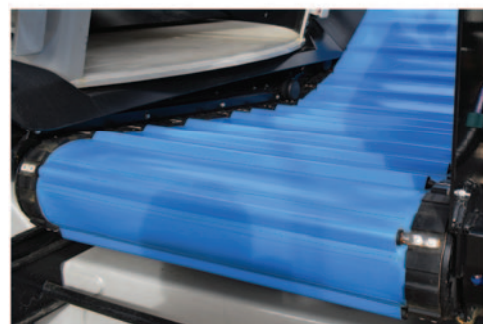
THE SHELBOURNE ELEVATING FRONT WEBBING CONVEYOR SYSTEM HAS BEEN DEVELOPED OVER THE LAST 30 YEARS. WORKING TOGETHER WITH BRITISH FARMERS TO DEVELOP NOT ONLY THE MOST VERSATILE CONVEYOR SYSTEM AVAILABLE ON ANY DIET FEEDER BUT ALSO THE MOST DURABLE.

KEY FEATURES

- Conveyor shuttles and elevates up to 1.5m to both sides of the machine
- In its central position the conveyor remains within the width of the machine
- Spring tensioner extends belt life and is maintenance free
- Food grade PVC resistant to acid, fats, oils and UV
- One piece belt, no joiners
- Belt widths:
 - Compact body - 750mm
 - Wide body - 850mm



- 50mm Wide drive web
- 12mm hardened steel rods



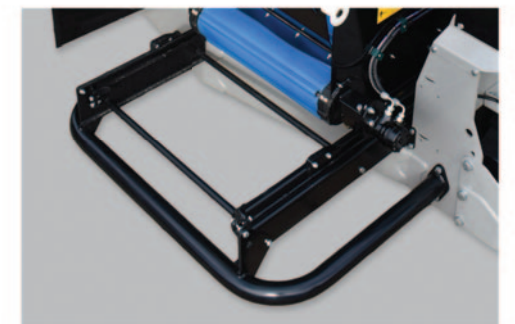
- Steel rods mounted inside protective rubber sleeves
- Stitched and bonded protective PVC sleeves



The operator gets a clear view of feed coming out of the door, onto and off of the conveyor no matter which side the conveyor is discharging to.



- Positive cage wheel style drive, means no slippage or tracking issues
- Cage drive rollers prevent feed build up under belt



- Crash bar protects conveyor from collision

POWERMIX PRO SIDE DOOR

9, 11, 13 & 15m³ Single Auger - Side Discharge

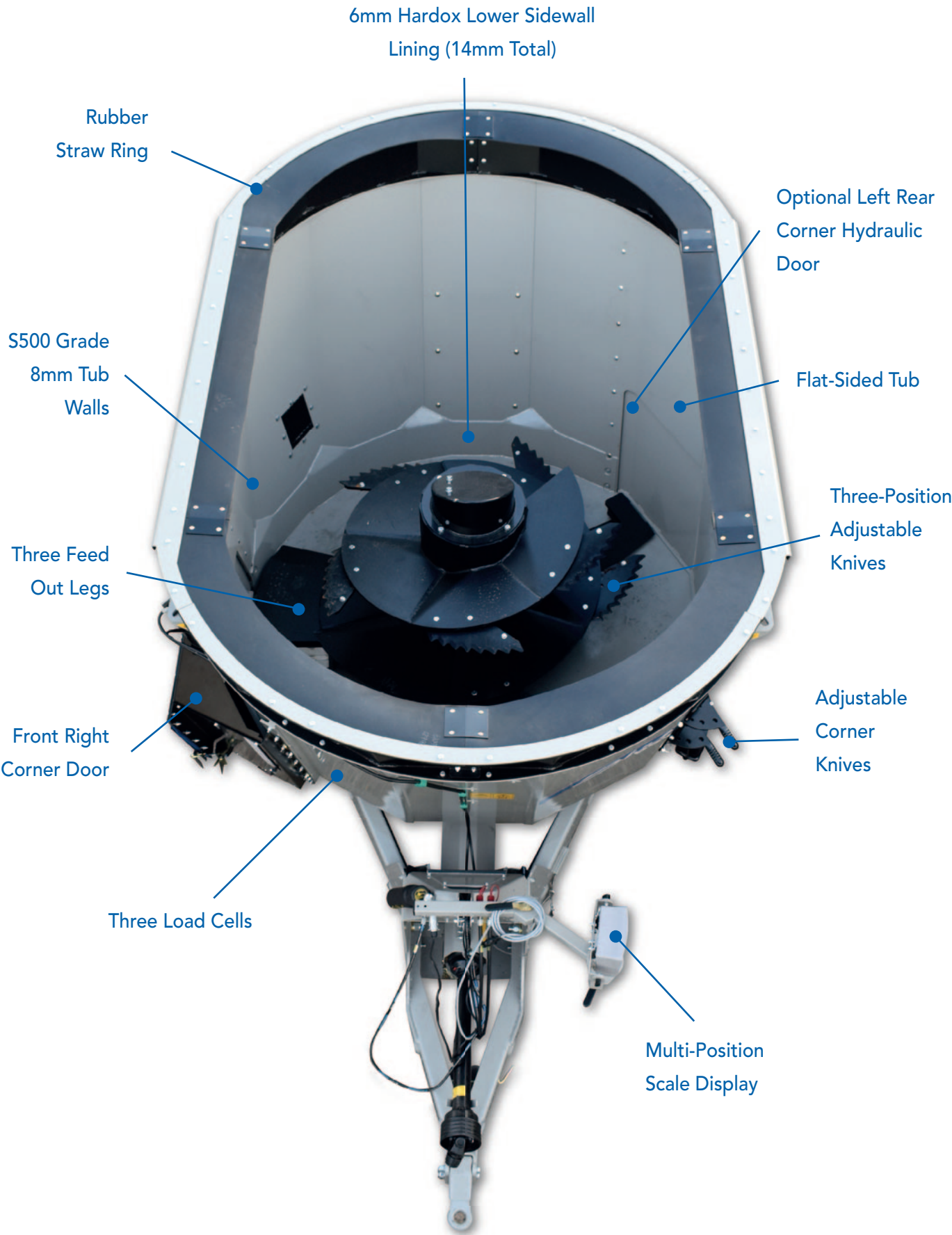
BIG IN FEATURES.

Our entry-level line, the Powermix Pro Side Door, comprises of four models and features a simple hydraulic right front corner feed out door suitable for floor feeding or low level troughs. An optional rear left corner door is available to feed out on both sides.

THE RANGE	VOLUME	AXLE SPEC	TYRE SPEC
POWERMIX PRO SIDE DOOR 9	9m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO SIDE DOOR 11	11m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO SIDE DOOR 13	13m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO SIDE DOOR 15	15m ³	SINGLE FIXED	385/55 R19.5



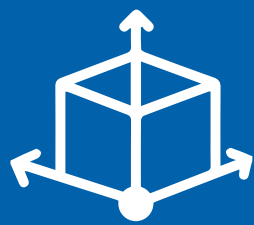
KEY FEATURES



POWERMIX PRO SIDE DOOR

9-15m³ Single Auger - Side Discharge

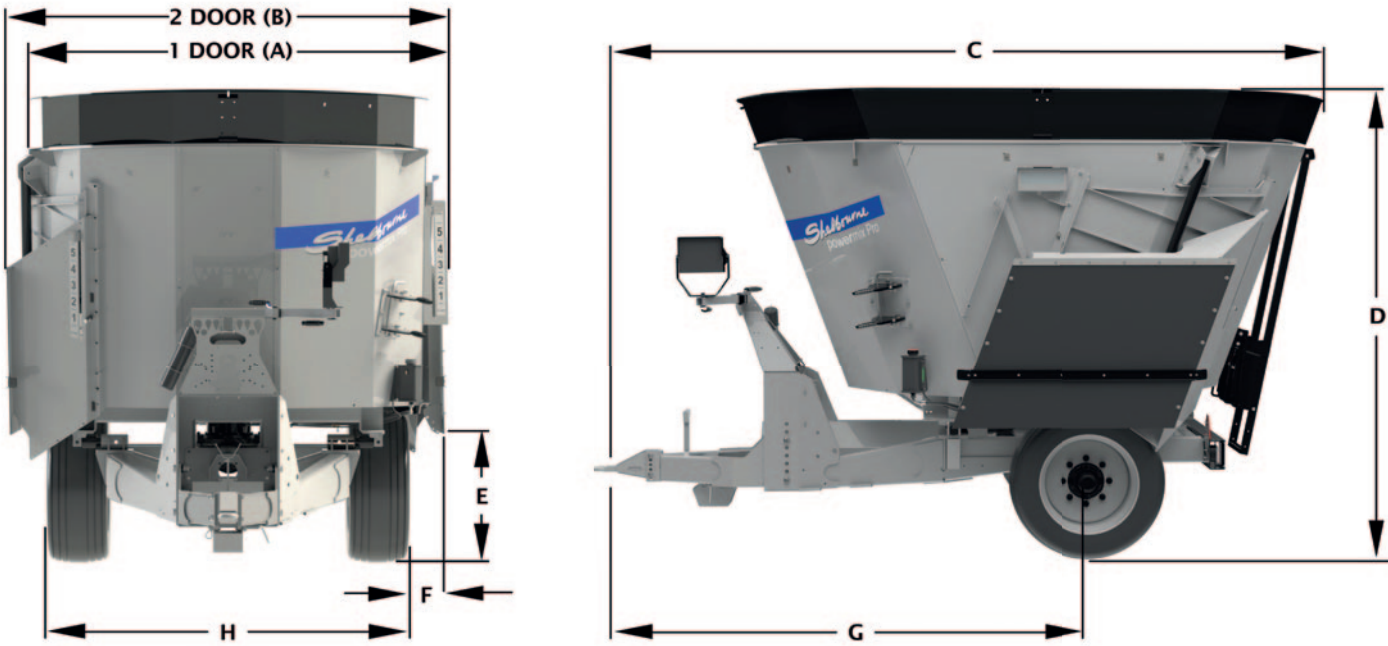
DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	9M	11M	13M	15M
CAPACITY / LEVEL	4500 kg*	5500 kg*	6500 kg*	7500 kg*
VOLUME / LEVEL	9m ³	11m ³	13m ³	15m ³
TYRE SIZE	385/55R19.5	385/55R19.5	385/55R19.5	385/55R19.5
RECOMMENDED PTO SPEED	540 rpm	540 rpm	540 rpm	540 rpm
PTO HP REQUIRED	85	90	100	120
UNLADEN WEIGHT	3780 kg	4040 kg	4205 kg	4365 kg
DOOR CONFIGURATION	SINGLE RIGHT FRONT CORNER DOOR			
DOOR OPERATION	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
HYDRAULIC BRAKES	STD	STD	STD	STD
LED LIGHTS	STD	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD	STD
RUBBER STRAW RETAINING RING	STD	STD	STD	STD
HYDRAULIC CONTROL	HOSES DIRECT TO TRACTOR			
NUMBER OF LOAD CELLS	3	3	3	3
NUMBER OF AUGERS	1	1	1	1
NUMBER OF BLADES	7	7	10	11
AUGER MAGNET	STD	STD	STD	STD
OPTIONS				
LH REAR CORNER DOOR	OPT	OPT	OPT	OPT
PROG. SCALE SYSTEM	OPT	OPT	OPT	OPT
TWO SPEED GEARBOX	OPT	OPT	OPT	OPT
WIDE ANGLE PTO	OPT	OPT	OPT	OPT
400/45 R17.5 TYRE	OPT	OPT	OPT	OPT
385/65 R22.5 TYRE (WITH TUB RISER KIT)	OPT	OPT	OPT	OPT

* DEPENDING UPON FEED DM%



MODEL	A	B	C	D	E	F	G	H
9m ³	2458 mm	2600 mm	4605 mm	2515 mm	740 mm	330 mm	3105 mm	2255 mm
385/55 R19.5	8'	8'6"	15'4"	8'3"	2'5"	1.1"	10'2"	7'5"
11m ³	2458 mm	2600 mm	4715 mm	2815 mm	740 mm	330 mm	3105 mm	2255 mm
385/55 R19.5	8'	8'6"	15'6"	9'3"	2'5"	1.1"	10'2"	7'5"
13m ³	2458 mm	2600 mm	4825 mm	3115 mm	740 mm	330 mm	3105 mm	2255 mm
385/55 R19.5	8'	8'6"	15'10"	10'3"	2'5"	1.1"	10'2"	7'5"
15m ³	2458 mm	2600 mm	4935 mm	3315 mm	740 mm	330 mm	3105 mm	2255 mm
385/55 R19.5	8'	8'6"	16'2"	10'11"	2'5"	1.1"	10'2"	7'5"

TYRES OPTIONS:
400/45 R17.5 REDUCE HEIGHT (D & E) 65MM
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 175MM

POWERMIX PRO EXPRESS

9, 11, 13 & 15m³ - Single Auger

FIXED OR ELEVATING FRONT CONVEYOR.

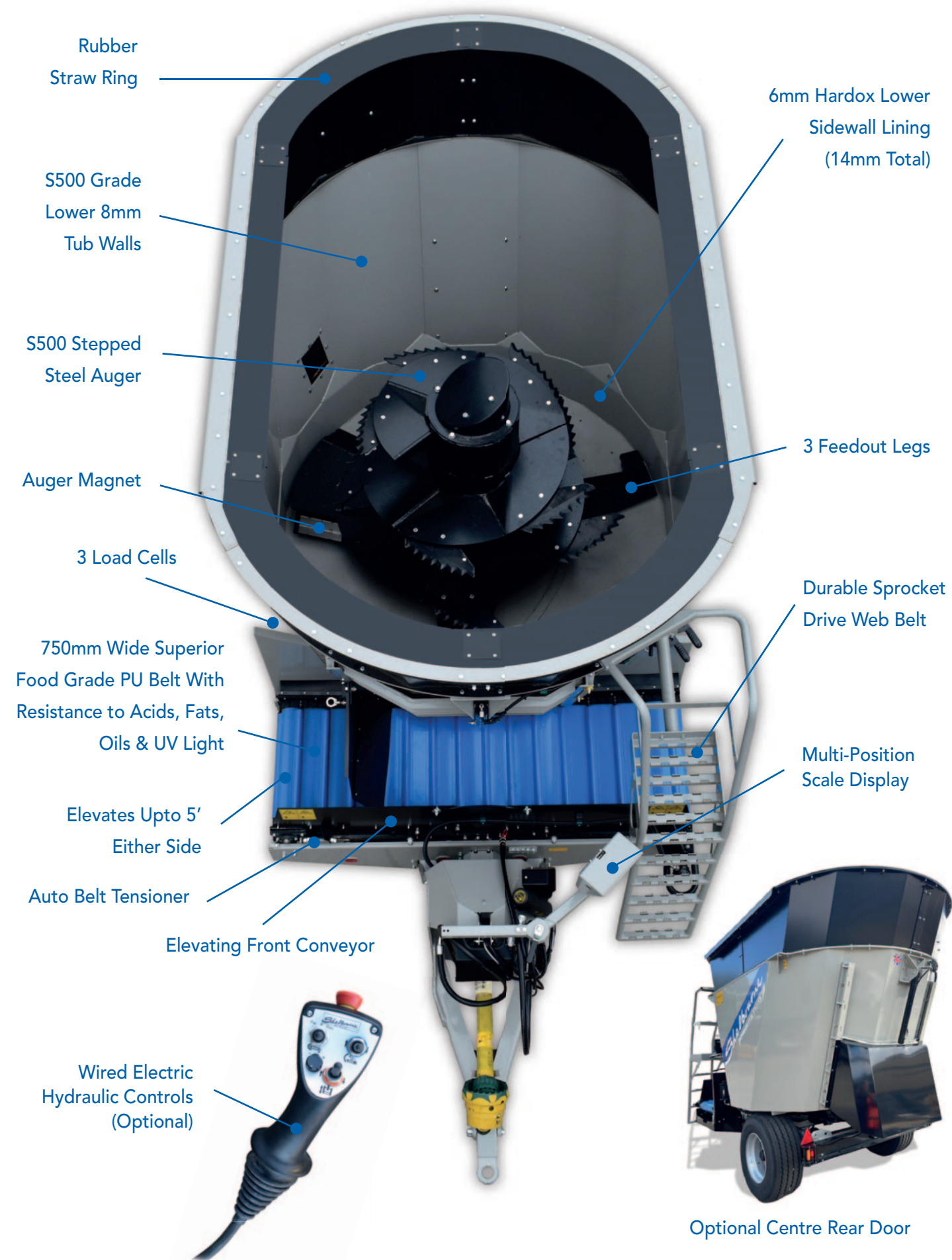
Like the Powermix Pro Side Door, the single-auger Powermix Pro Express range features a tall auger for quick, efficient mixing and three feed legs for fast, even feed-out.

Choose from 9-15m³ capacity models. The front-mounted Express conveyor is available as a fixed unit for feed delivery to either side, or an elevating conveyor for dispensing into raised troughs to both sides.

THE RANGE	VOLUME	AXLE SPEC	TYRE SPEC
POWERMIX PRO EXPRESS 9	9m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO EXPRESS 11	11m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO EXPRESS 13	13m ³	SINGLE FIXED	385/55 R19.5
POWERMIX PRO EXPRESS 15	15m ³	SINGLE FIXED	385/55 R19.5



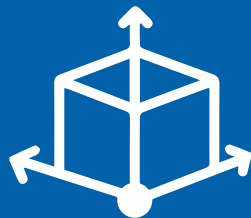
KEY FEATURES



POWERMIX PRO EXPRESS

9-15m³ Single Auger

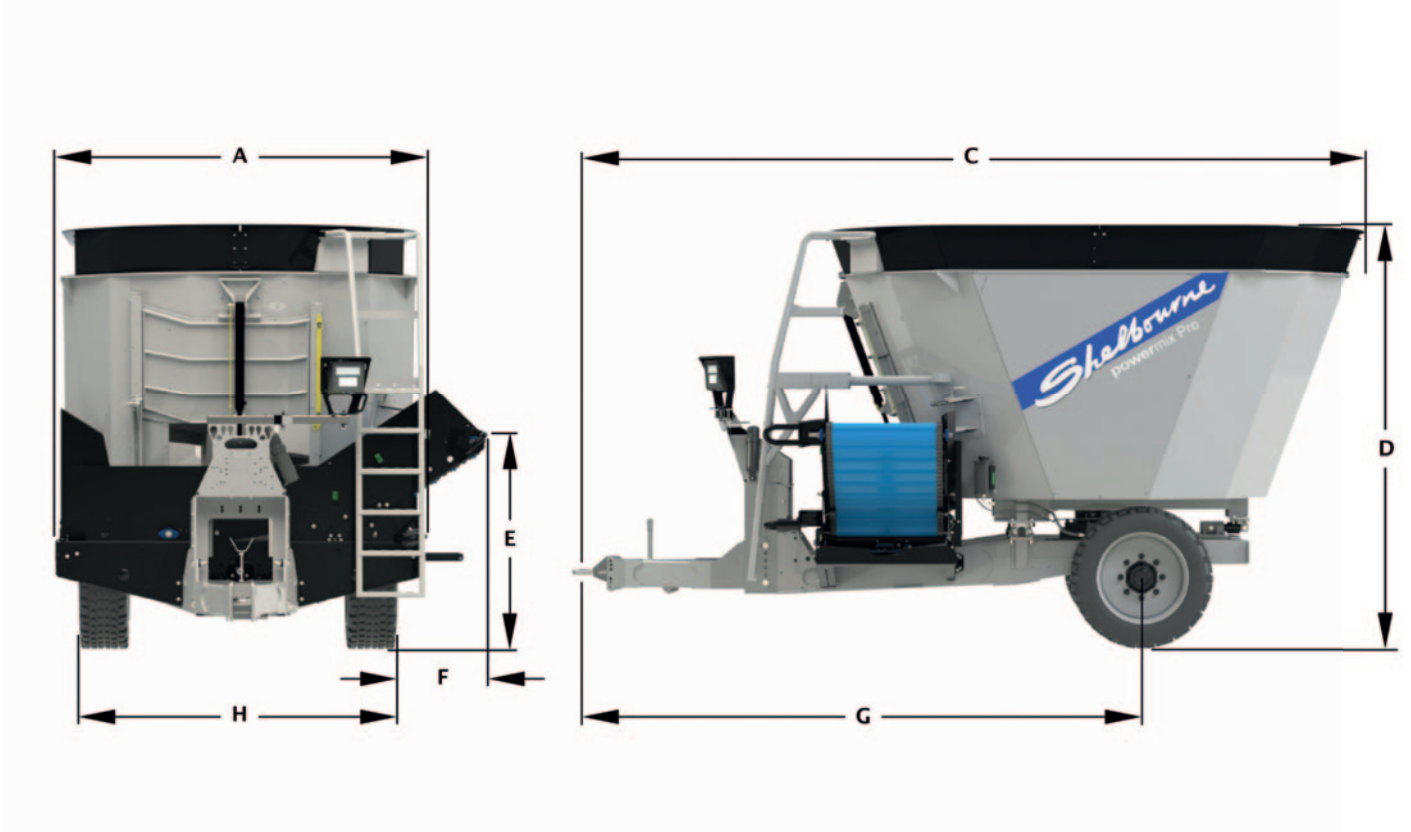
DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	9M	11M	13M	15M
CAPACITY / LEVEL	4500 KG*	5500 KG*	6500 kg*	7500 kg*
VOLUME / LEVEL	9M ³	11M ³	13m ³	15m ³
TYRE SIZE	385/55R19.5	385/55R19.5	385/55R19.5	385/55R19.5
PTO SPEED	540 RPM	540 RPM	540 rpm	540 rpm
RECOMMENDED PTO SPEED	95	100	110	120
UNLADEN WEIGHT	4100 KG	4360 KG	4525 kg	4685 kg
DOOR CONFIGURATION	FRONT CENTRE DOOR AND FRONT WEBBING CONVEYOR			
DOOR OPERATION	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
HYDRAULIC BRAKES	STD	STD	STD	STD
LED LIGHTS	STD	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD	STD
RUBBER STRAW RETAINING RING	STD	STD	STD	STD
HYDRAULIC CONTROL	HOSES DIRECT TO TRACTOR			
NUMBER OF LOAD CELLS	3	3	3	3
NUMBER OF AUGERS	1	1	1	1
NUMBER OF BLADES	7	7	10	11
AUGER MAGNET	STD	STD	STD	STD
OPTIONS				
ELEC. CONTROL WITH VARI SPEED CONVEYOR	OPT	OPT	OPT	OPT
PROG. SCALE SYSTEM	OPT	OPT	OPT	OPT
TWO SPEED GEARBOX	OPT	OPT	OPT	OPT
WIDE ANGLE PTO	OPT	OPT	OPT	OPT
400/45 R17.5 TYRE	OPT	OPT	OPT	OPT
385/65 R22.5 TYRE (WITH TUB RISER KIT)	OPT	OPT	OPT	OPT
REAR LEFT CORNER DOOR	OPT	OPT	OPT	OPT
REAR CENTER DOOR	OPT	OPT	OPT	OPT

* DEPENDING UPON FEED DM%



MODEL	A	C	D	E	F	G	H
9m ³ 385/55 R19.5	2350 mm 7'9"	5300 mm 17'5"	2515mm 8'3"	807-1405 mm 2'8" - 4'7"	425 mm 1.5"	3690 mm 12'1"	2255 mm 7'5"
11m ³ 385/55 R19.5	2350 mm 7'9"	5410 mm 17'9"	2815mm 9'3"	807-1405 mm 2'8" - 4'7"	425 mm 1.5"	3690 mm 12'1"	2255 mm 7'5"
13m ³ 385/55 R19.5	2350 mm 7'9"	5520 mm 18'1"	3115mm 10'3"	807-1405 mm 2'8" - 4'7"	425 mm 1.5"	3690 mm 12'1"	2255 mm 7'5"
15m ³ 385/55 R19.5	2350 mm 7'9"	5630 mm 18'6"	3315mm 10'11"	807-1405 mm 2'8" - 4'7"	425 mm 1.5"	3690 mm 12'1"	2255 mm 7'5"

TYRES OPTIONS
400/45 R17.5 REDUCE HEIGHT (D & E) 65MM
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 175MM

POWERMIX PLUS - SIDE DOOR

16, 18, 20 & 22m³ Compact - Twin Auger

SIDE DOOR

The side door Powermix Plus range offers an entry level twin auger feeder with the simplicity of feeding onto the floor or into low level troughs. The left and right hand front side hydraulic doors are operated via the tractor spoil valves.

Designed around a shortened chassis with Shelbourne's distinctive curved tub to speed up bale processing and mixing, the 16 – 22m³ Powermix Plus Side Door models are engineered to meet the needs of those seeking high capacity in a manoeuvrable, compact package.

THE RANGE	VOLUME	AXLE SPEC	TYRE SPEC
POWERMIX PLUS 16 SA	16m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 16 TA	16m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 18 SA	18m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 18 TA	18m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 20 SA	20m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 20 TA	20m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 22 TA	22m ³	TANDEM SPRUNG	385/55 R22.5



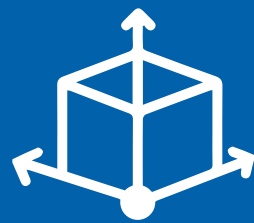
KEY FEATURES



POWERMIX PLUS - SIDE DOOR

16-20m³ Compact - Twin Auger - Single Axle

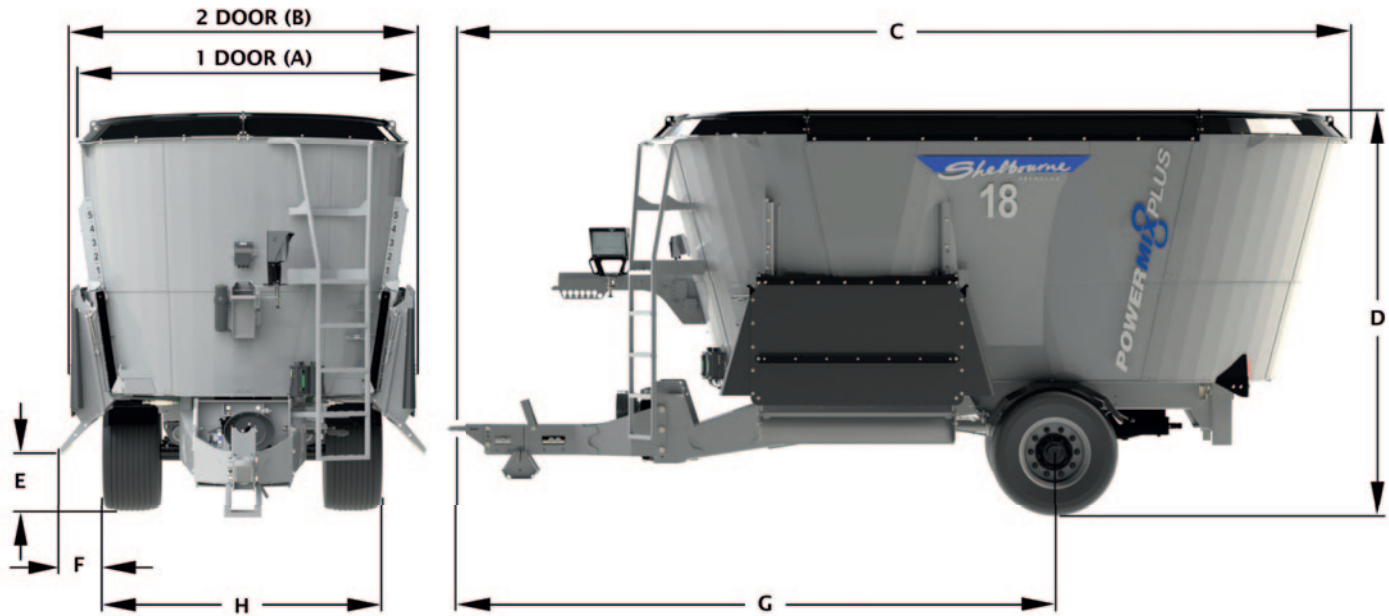
DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	16M	18M	20M
CAPACITY / LEVEL	8000 kg*	9000 kg*	10000 kg*
VOLUME / LEVEL	16m ³	18m ³	20m ³
TYRE SIZE	435/55R19.5	435/55R19.5	435/55R19.5
AXLE TYPE	SINGLE		
RECOMMENDED PTO SPEED	1000 rpm	1000 rpm	1000 rpm
PTO HP REQUIRED	110	120	130
UNLADEN WEIGHT	6978 kg	7010 kg	7194 kg
DOOR CONFIGURATION	RIGHT HAND		
DOOR OPERATION	HYDRAULIC		
HYDRAULIC BRAKES	STD	STD	STD
LED LIGHTS	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD
STEEL STRAW RETAINING RING	STD	STD	STD
HYDRAULIC CONTROL	DIRECT VIA TRACTOR		
NUMBER OF LOAD CELLS	3	3	3
NUMBER OF AUGERS	2	2	2
NUMBER OF BLADES	14	14	14
TWO SPEED GEARBOX	STD	STD	STD
AUGER MAGNET	STD	STD	STD
WIDE ANGLE PTO	STD	STD	STD
OPTIONS			
PROG. SCALE SYSTEM	OPT	OPT	OPT
REAR CENTRE DOOR	OPT	OPT	OPT
LEFT HAND SIDE DOOR	OPT	OPT	OPT
ELECTRIC TWO SPEED CONTROLLER	OPT	OPT	OPT
385/65 R22.5 TYRE (WITH TUB RISER)	OPT	OPT	OPT

* DEPENDING UPON FEED DM%



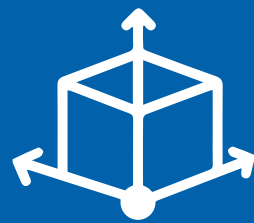
MODEL /TYRE	A	B	C	D	E	F	G	H
16m ³ 435/50 R19.5	2390 mm 7'10"	2468 mm 8'1"	6742 mm 22'2"	2810 mm 9'3"	540 mm 1'9"	215 mm 9"	4506 mm 14'10"	2138 mm 7"
18m ³ 435/50 R19.5	2390 mm 7'10"	2468 mm 8'1"	6742 mm 22'2"	2945 mm 9'8"	540 mm 1'9"	215 mm 9"	4506 mm 14'10"	2138 mm 7"
20m ³ 435/50 R19.5	2390 mm 7'10"	2468 mm 8'1"	6742 mm 22'2"	3135 mm 10'3"	540 mm 1'9"	215 mm 9"	4506 mm 14'10"	2138 mm 7"

TYRES OPTIONS:
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 175MM

POWERMIX PLUS - SIDE DOOR

16-20m³ Compact - Twin Auger - Tandem Axle

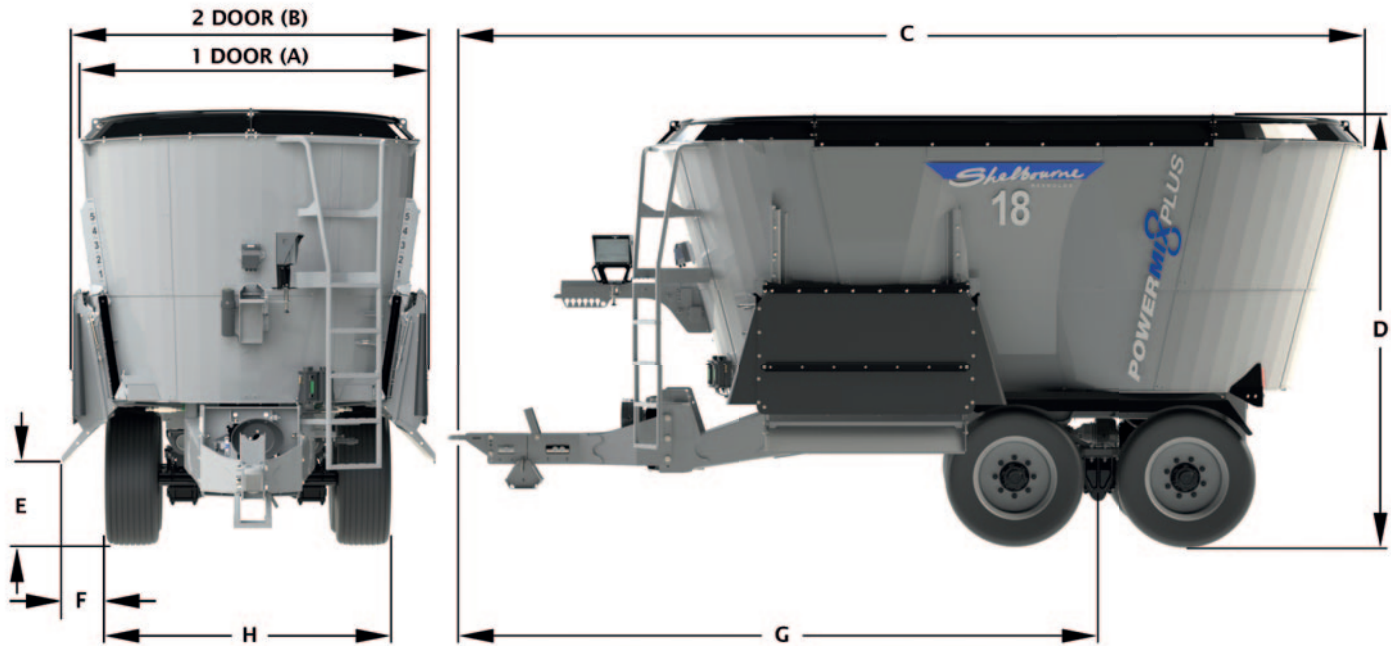
DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	16M	18M	20M	22M
CAPACITY / LEVEL	8000 kg*	9000 kg*	10000 kg*	11000 kg*
VOLUME / LEVEL	16m ³	18m ³	20m ³	22m ³
TYRE SIZE	385/55 R22.5	385/55 R22.5	385/55 R22.5	385/55 R22.5
AXLE TYPE	TANDEM			
RECOMMENDED PTO SPEED	1000 rpm	1000 rpm	1000 rpm	1000 rpm
PTO HP REQUIRED	110	120	130	130
UNLADEN WEIGHT	7638 kg	7670 kg	7872 kg	8003 kg
DOOR CONFIGURATION	RIGHT HAND			
DOOR OPERATION	HYDRAULIC			
HYDRAULIC BRAKES	STD	STD	STD	STD
LED LIGHTS	STD	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD	STD
RUBBER STRAW RETAINING RING	STD	STD	STD	STD
HYDRAULIC CONTROL	DIRECT VIA TRACTOR			
NUMBER OF LOAD CELLS	3	3	3	3
NUMBER OF AUGERS	2	2	2	2
NUMBER OF BLADES	14	14	14	16
AUGER MAGNET	STD	STD	STD	STD
TWO SPEED GEARBOX	STD	STD	STD	STD
WIDE ANGLE PTO	STD	STD	STD	STD
OPTIONS				
REAR CENTRE DOOR	OPT	OPT	OPT	OPT
AIR BRAKES	OPT	OPT	OPT	OPT
STEERING AXLE (HYD BRAKES)	OPT	OPT	OPT	OPT
STEERING AXLE (AIR BRAKES)	OPT	OPT	OPT	OPT
LEFT HAND SIDE DOOR	OPT	OPT	OPT	OPT
ELECTRIC 2 SPEED CONTROLLER	OPT	OPT	OPT	OPT
385/65 R22.5 TYRE (WITH TUB RISER)	OPT	OPT	OPT	OPT

* DEPENDING UPON FEED DM%



MODEL /TYRE	A	B	C	D	E	F	G	H
16m ³	2390 mm	2468 mm	6742 mm	2925 mm	655 mm	241 mm	4740 mm	2086 mm
385/55 R22.5	7'10"	8'1"	22'2"	9'7"	2'2"	10"	15'7"	6'10"
18m ³	2390 mm	2468 mm	6742 mm	3060 mm	655 mm	241 mm	4740 mm	2086 mm
385/55 R22.5	7'10"	8'1"	22'2"	10'	2'2"	10"	15'7"	6'10"
20m ³	2390 mm	2468 mm	6742 mm	3250 mm	655 mm	241 mm	4740 mm	2086 mm
385/55 R22.5	7'10"	8'1"	22'2"	10'8"	2'2"	10"	15'7"	6'10"
22m ³	2390 mm	2468 mm	6742 mm	3428 mm	655 mm	241 mm	4740 mm	2086 mm
385/55 R22.5	7'10"	8'1"	22'2"	11'13"	2'2"	10"	15'7"	6'10"

TYRES OPTIONS:
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 142MM
385/55 R19.5 REDUCE HEIGHT (D&E) 63MM
STEERING AXLE INCREASE WIDTH (H) 350MM

POWERMIX PLUS - COMPACT

16, 18, 20 & 22m³ Compact - Twin Auger

ELEVATING FRONT CONVEYOR.

Designed around a short chassis and with Shelbourne's distinctive curved tub to speed up bale processing and mixing, the 16-22m³ Powermix Plus Compact models are engineered to meet the needs of those seeking high capacity in a manoeuvrable, compact package.

THE RANGE	VOLUME	AXLE SPEC	TYRE SPEC
POWERMIX PLUS 16 SA	16m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 16 TA	16m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 18 SA	18m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 18 TA	18m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 20 SA	20m ³	SINGLE FIXED	435/50 R19.5
POWERMIX PLUS 20 TA	20m ³	TANDEM SPRUNG	385/55 R22.5
POWERMIX PLUS 22 TA	22m ³	TANDEM SPRUNG	385/55 R22.5



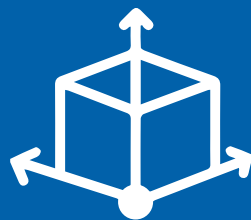
KEY FEATURES



POWERMIX PLUS

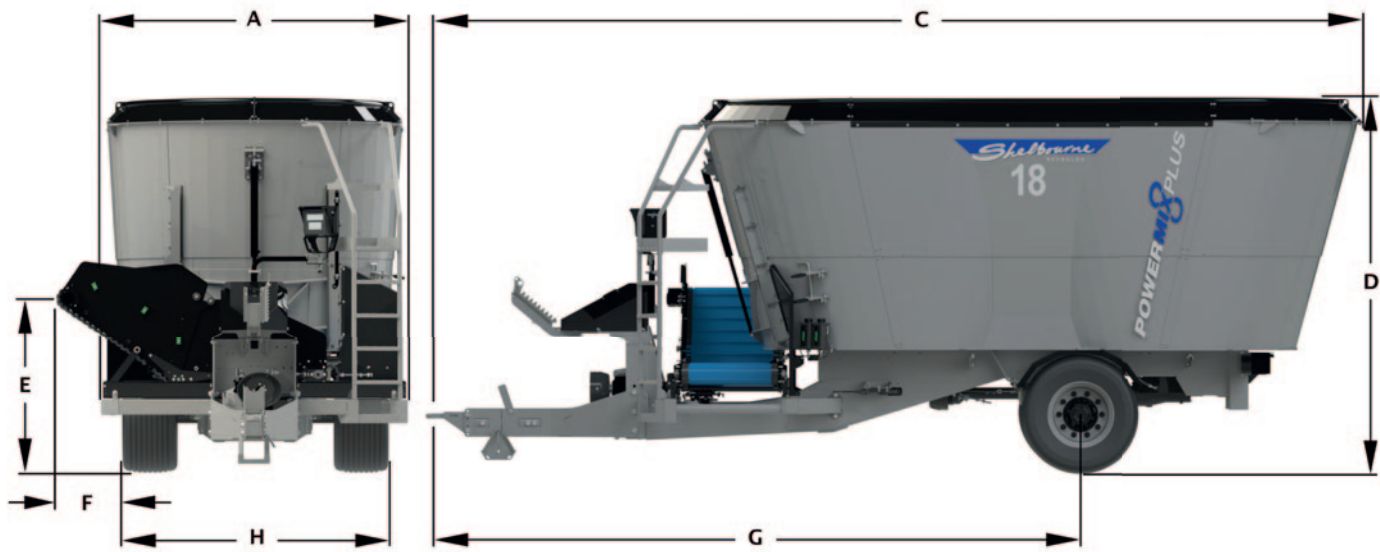
16-20m³ Compact - Twin Auger - Single Axle

DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	16M	18M	20M
CAPACITY / LEVEL	8000 kg*	9000 kg*	10000 kg*
VOLUME / LEVEL	16m ³	18m ³	20m ³
TYRE SIZE	435/50 R19.5	435/50 R19.5	435/50 R19.5
AXLE TYPE	SINGLE		
RECOMMENDED PTO SPEED	1000 rpm	1000 rpm	1000 rpm
PTO HP REQUIRED	110	120	130
UNLADEN WEIGHT	7648 kg	7680 kg	7864 kg
DOOR CONFIGURATION	FRONT CENTRE DOOR & FRONT WEBBING CONVEYOR		
DOOR OPERATION	HYDRAULIC		
HYDRAULIC BRAKES	STD	STD	STD
LED LIGHTS	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD
STEEL STRAW RETAINING RING	STD	STD	STD
HYDRAULIC CONTROL	HOSES DIRECT TO TRACTOR		
NUMBER OF LOAD CELLS	3	3	3
NUMBER OF AUGERS	2	2	2
NUMBER OF BLADES	14	14	14
ELEVATING FRONT CONVEYOR	STD	STD	STD
TWO SPEED GEARBOX	STD	STD	STD
AUGER MAGNET	STD	STD	STD
WIDE ANGLE PTO	STD	STD	STD
OPTIONS			
WIRELESS WITH VARI SPEED CONVEYOR 2 SPD CHANGE	OPT	OPT	OPT
ELECTRIC 2 SPEED CONTROLLER (DIRECT HYD)	OPT	OPT	OPT
REAR CENTRE DOOR	OPT	OPT	OPT
385/65 R22.5 TYRE (WITH TUB RISER)	OPT	OPT	OPT



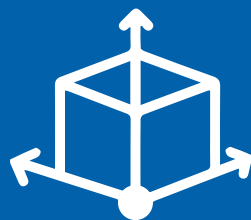
MODEL /TYRE	A	C	D	E	F	G	H
16m ³ 435/50 R19.5	2350 mm 7'9"	7355 mm 24'2"	2810 mm 9'3"	775-1370 mm 2'7"- 4'6"	463 mm 1'6"	5100 mm 16'9"	2138mm 7'
18m ³ 435/50 R19.5	2350 mm 7'9"	7355 mm 24'2"	2945 mm 9'8"	775-1370 mm 2'7"- 4'6"	463 mm 1'6"	5100 mm 16'9"	2138mm 7'
20m ³ 435/50 R19.5	2350 mm 7'9"	7355 mm 24'2"	3135 mm 10'3"	775-1370 mm 2'7"- 4'6"	463 mm 1'6"	5100 mm 16'9"	2138mm 7'

TYRES OPTIONS:
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 175MM

POWERMIX PLUS

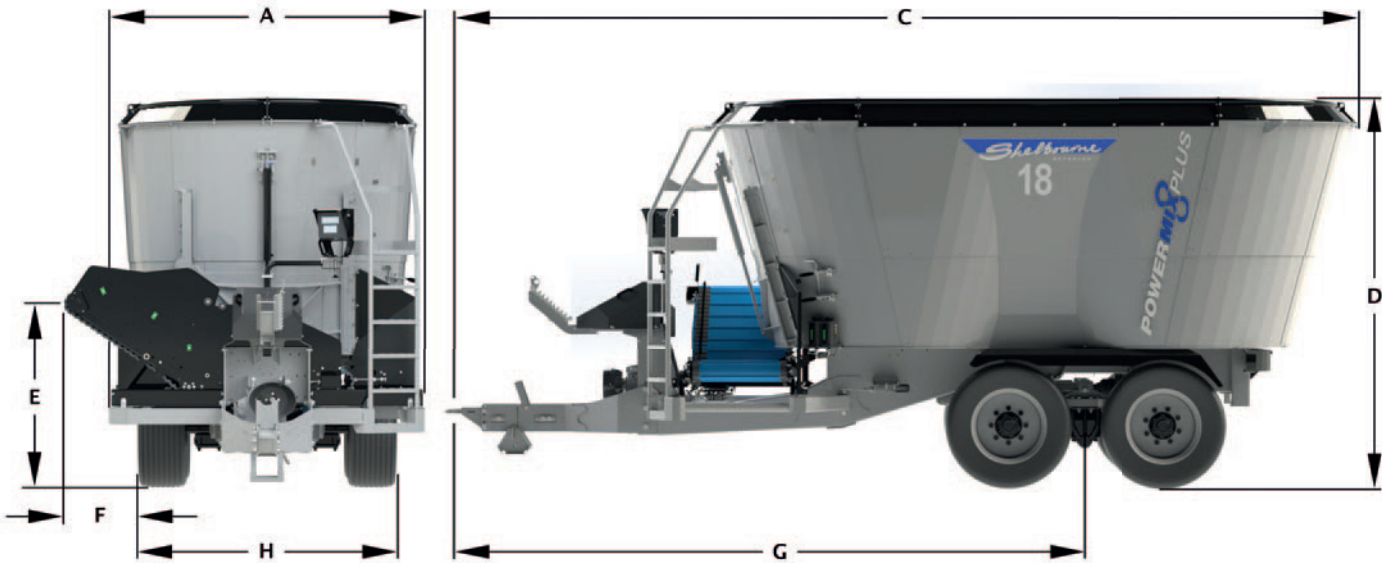
16-22m³ Compact - Twin Auger - Tandem Axle

DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	16M	18M	20M	22M
CAPACITY / LEVEL	8000 kg*	9000 kg*	10000 kg*	11000 kg*
VOLUME / LEVEL	16m ³	18m ³	20m ³	22m ³
TYRE SIZE	385/55R22.5	385/55R22.5	385/55R22.5	385/55R22.5
AXLE TYPE	TANDEM SPRUNG			
RECOMMENDED PTO SPEED	1000 rpm	1000 rpm	1000 rpm	1000 rpm
PTO HP REQUIRED	110	120	130	140
UNLADEN WEIGHT	8308 kg	8340 kg	8524 kg	8637 kg
DOOR CONFIGURATION	FRONT CENTRE DOOR AND FRONT WEBBING CONVEYOR			
DOOR OPERATION	HYDRAULIC			
HYDRAULIC BRAKES	STD	STD	STD	STD
LED LIGHTS	STD	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD	STD
STEEL STRAW RETAINING RING	STD	STD	STD	STD
HYDRAULIC CONTROL	HOSES DIRECT TO TRACTOR			
NUMBER OF LOAD CELLS	3	3	3	3
NUMBER OF AUGERS	2	2	2	2
NUMBER OF BLADES	14	14	14	16
TWO SPEED GEARBOX	STD	STD	STD	STD
ELEVATING FRONT CONVEYOR	STD	STD	STD	STD
AUGER MAGNET	STD	STD	STD	STD
WIDE ANGLE PTO	STD	STD	STD	STD
OPTIONS				
WIRELESS CONTROL WITH VARI SPEED CONVEYOR / 2 SPD CHANGE	OPT	OPT	OPT	OPT
PROG. SCALE SYSTEM	OPT	OPT	OPT	OPT
REAR CENTRE DOOR	OPT	OPT	OPT	OPT
AIR BRAKES	OPT	OPT	OPT	OPT
STEERING AXLE (HYD BRAKES)	OPT	OPT	OPT	OPT
STEERING AXLE (AIR BRAKES)	OPT	OPT	OPT	OPT
385/65 R22.5 TYRE (& TUB RISER)	OPT	OPT	OPT	OPT
385/55/R19.5 TYRE	OPT	OPT	OPT	OPT



MODEL /TYRE	A	C	D	E	F	G	H
16m ³ 385/55 R22.5	2350 mm 7'9"	7355 mm 24'2"	2925 mm 9'7"	890-1485 mm 2'11" - 4'11"	489 mm 1'7"	5100 mm 16'9"	2086 mm 6'10"
18m ³ 385/55 R22.5	2350 mm 7'9"	7355 mm 24'2"	3060 mm 10'	890-1485 mm 2'11" - 4'11"	489 mm 1'7"	5100 mm 16'9"	2086 mm 6'10"
20m ³ 385/55 R22.5	2350 mm 7'9"	7355 mm 24'2"	3250 mm 10'8"	827-1422 mm 2'9" - 4'8"	489 mm 1'7"	5100 mm 16'9"	2086 mm 6'10"
22m ³ 385/55 R22.5	2350 mm 7'9"	7355 mm 24'2"	3428 mm 11'3"	890-1485 mm 2'11" - 4'11"	489 mm 1'7"	5100 mm 16'9"	2086 mm 6'10"

TYRES OPTIONS:
385/65 R22.5 WITH RISER KIT INCREASE HEIGHT (D & E) 175MM
385/55 R19.5 REDUCES HEIGHT (D & E) 63MM
STEERING AXLE INCREASE WIDTH (H) 350MM

POWERMIX PLUS - WIDE BODY

22, 24, 28 & 30m³ Wide Body - Twin Auger

FOR THE MOST DEMANDING USERS.

With a short chassis for manoeuvrability and a curved tub shape for more efficient bale processing and faster mixing times, the Powermix Plus Wide Body is the flagship of the Shelbourne Reynolds range, designed for the largest herds and most demanding users. The high capacity yet compact twin auger line now includes four flagship models, aimed at users feeding 100t or more per day.

THE RANGE	VOLUME	AXLE SPEC	TYRE SPEC
POWERMIX PLUS 22 TA	22m ³	TANDEM SPRUNG / STEERING	445/45 R19.5
POWERMIX PLUS 24 TA	24m ³	TANDEM SPRUNG / STEERING	445/45 R19.5
POWERMIX PLUS 28 TA	28m ³	TANDEM SPRUNG / STEERING	445/45 R19.5
POWERMIX PLUS 30 TA	30m ³	TANDEM SPRUNG / STEERING	445/45 R19.5



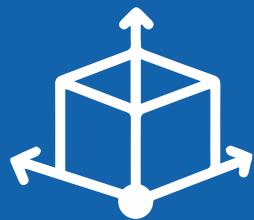
KEY FEATURES



POWERMIX PLUS

22-30m³ Wide Body - Twin Auger - Tandem Axle

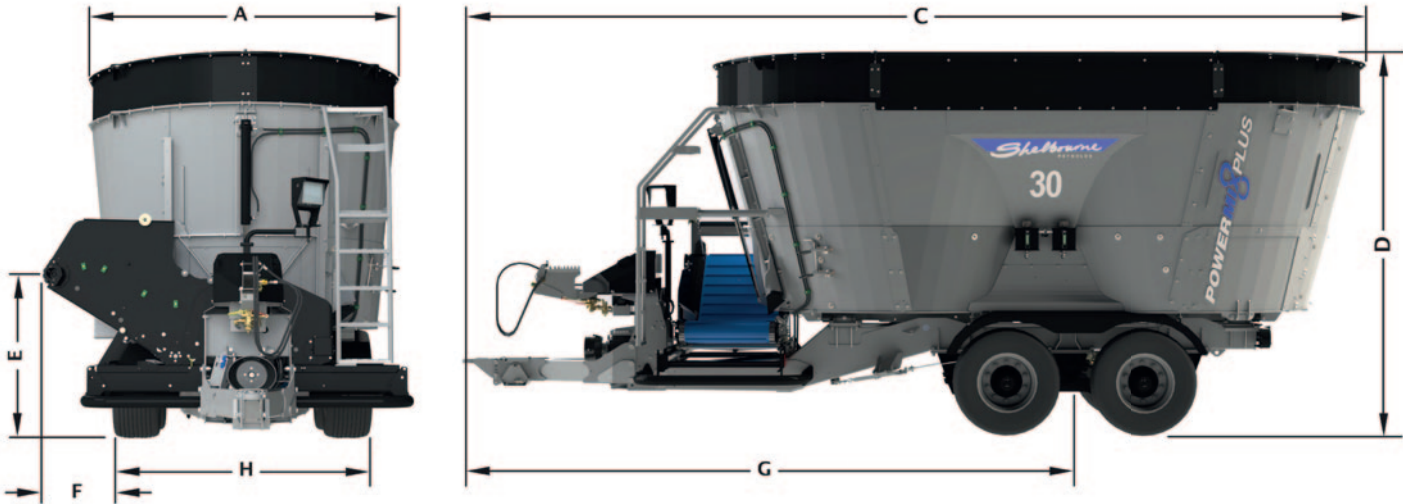
DIMENSIONS



STANDARD FEATURES & OPTIONS

STANDARD FEATURES	22M	24M	28M	30M
CAPACITY / LEVEL	11000 kg*	12000 kg*	14000 kg*	15000 kg*
VOLUME / LEVEL	22m ³	24m ³	28m ³	30m ³
TYRE SIZE	445/45 R19.5	445/45 R19.5	445/45 R19.5	445/45 R19.5
AXLE TYPE	TANDEM SPRUNG / STEERING			
RECOMMENDED PTO SPEED	1000 rpm	1000 rpm	1000 rpm	1000rpm
PTO HP REQUIRED	140	140	160	160
UNLADEN WEIGHT	10105 kg	10155 kg	11048 kg	11098 kg
DOOR CONFIGURATION	FRONT CENTRE DOOR AND FRONT WEBBING CONVEYOR			
DOOR OPERATION	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
HYDRAULIC BRAKES	STD	STD	STD	STD
LED LIGHTS	STD	STD	STD	STD
ADJUSTABLE CORNER KNIVES	STD	STD	STD	STD
STEEL STRAW RETAINING RING	STD	STD	STD	STD
HYDRAULIC CONTROL	HOSES DIRECT TO TRACTOR			
NUMBER OF LOAD CELLS	6	6	6	6
NUMBER OF AUGERS	2	2	2	2
NUMBER OF BLADES	14	14	18	18
TWO SPEED GEARBOX	STD	STD	STD	STD
AUGER MAGNET	STD	STD	STD	STD
ELEVATING CONVEYOR	STD	STD	STD	STD
WIDE ANGLE PTO	STD	STD	STD	STD
OPTIONS				
WIRELESS ELECTRIC CONTROL WITH VARI SPEED CONVEYOR / 2 SPD CHANGE	OPT	OPT	OPT	OPT
ELECTRIC 2 SPEED CHANGER (DIRECT HYD)	OPT	OPT	OPT	OPT
PROG. SCALE SYSTEM	OPT	OPT	OPT	OPT
REAR CENTRE DOOR	OPT	OPT	OPT	OPT
AIR BRAKES	OPT	OPT	OPT	OPT

* DEPENDING UPON FEED DM%



MODEL /TYRE	A	C	D	E	F	G	H
22m ³	2790 mm	8250 mm	2900 mm	871-1455 mm	336 mm	5530 mm	2550 mm
445/45 R19.5	9'9"	27'1"	9'6"	2'10" - 4'9"	1'1"	18'2"	8'4"
24m ³	2790 mm	8250 mm	3085 mm	871-1455 mm	336 mm	5530 mm	2550 mm
445/45 R19.5	9'9"	27'1"	10'1"	2'10" - 4'9"	1'1"	18'2"	8'4"
28m ³	2790 mm	8250 mm	3310 mm	871-1455 mm	336 mm	5530 mm	2550 mm
445/45 R19.5	9'9"	27'1"	10'10"	2'10" - 4'9"	1'1"	18'2"	8'4"
30m ³	2790 mm	8250 mm	3495 mm	871-1455 mm	336 mm	5530 mm	2550 mm
445/45 R19.5	9'9"	27'1"	11'5"	2'10" - 4'9"	1'1"	18'2"	8'4"

POWERMIX TYRE OPTIONS

MODEL		TYRE	HEIGHT	WIDTH
9-15m ³ SINGLE AUGER	STANDARD	385/55 R19.5	930 mm	385 mm
	OPTIONAL	400/45 R17.5	800 mm	400 mm
	OPTIONAL	385/65 R22.5	1080 mm	385 mm
16-20m ³ TWIN AUGER SINGLE AXLE	STANDARD	435/50 R19.5	928 mm	435 mm
	OPTIONAL	385/65 R22.5	1080 mm	385 mm
	OPTIONAL	385/55 R19.5	930 mm	385 mm
16-22m ³ TWIN AUGER TANDEM AXLE	STANDARD	385/55 R22.5	996 mm	385 mm
	OPTIONAL	385/65 R22.5	1080 mm	385 mm
	OPTIONAL	385/55 R19.5	930 mm	385 mm
22-30m ³ WIDE BODY	STANDARD	445/45 R19.5	928 mm	446 mm

POWERMIX AUGER SPEEDS SPECIFICATION

MODEL	2 SPEED	540 PTO INPUT	1000 PTO INPUT
SINGLE AUGER (SINGLE SPEED)	N/A	28 rpm	52 rpm
SINGLE AUGER (TWO SPEED)	LOW HIGH	16 rpm *	29 rpm 52 rpm
PLUS COMPACT TWIN AUGER (16-22m ³)	LOW HIGH	16 rpm *	29 rpm 52 rpm
PLUS WIDE BODY TWIN AUGER (22-24m ³)	LOW HIGH	13 rpm *	24 rpm 43 rpm
PLUS WIDE BODY TWIN AUGER (28-30m ³)	LOW HIGH	12 rpm *	22 rpm 40 rpm

* NOT RECOMMENDED

POWERMIX OPTIONS

WIRELESS ELECTRIC CONTROLS

Wireless hand control gives full control of the following functions.



STEERING AXLE

A steering axle is optional on tandem axle Compact models from 16-22m and standard on all Wide Body models from 22m to 30m.



POWERMIX BIO STATIC

9-46m³ Single Or Twin Auger

DESIGNED WITH THE KNOWLEDGE GAINED FROM OVER TWENTY YEARS OF MANUFACTURING MACHINES FOR THE LIVESTOCK MARKET.

The Powermix Bio range of static mixers has been developed in conjunction with several UK biogas installation companies to meet the specific needs of anaerobic digester operators.

As a result, they are built for longevity, serviceability, mix quality and discharge consistency.

DESIGN
DELIVERY
PERFORMANCE
SERVICE



KEY FEATURES

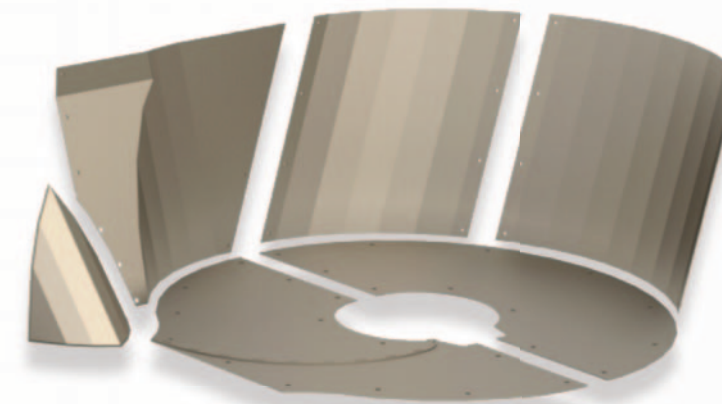
ELECTRONIC SCALE SYSTEMS

A choice of scale systems is available, offering compatibility with existing control systems.



BOLT-IN STAINLESS STEEL TUB LINER

A bolt-in stainless steel liner is fitted to the floor and lower 1.5m tub wall. The floor section is 10mm thick and the sidewalls 8mm. This prevents corrosion and minimises wear as well as creating a clean smooth surface for minimal power requirement. The tub base is treated with a zinc paint to prevent internal rusting. The liner can be replaced in individual sections with minimal down time and no welding required.



STAINLESS STEEL AUGERS

The augers are made from 15mm stainless steel with a further 10mm stainless steel wear strip welded to the outer flight. They feature three feed-out legs which help deliver material evenly to the tub discharge point.



ADJUSTABLE STANDS

The twin auger chassis consists of eight adjustable legs connected to the tub via load cells for easy installation and accurate weighing.

FULLY-MOUNTED INTEGRATED ELECTRIC MOTORS AND PLANETARY GEARBOXES

Electric motors and planetary gearboxes are sourced according to the machine size and mounted as a unit to the underside of the tub to facilitate a simple installation.

