

Shelbourne
REYNOLDS

STRIPPER HEADER



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RS D STRIPPER HEADER

Shelbourne

RSD STRIPPER HEADER



CAB MOUNTED
SPEED MONITOR

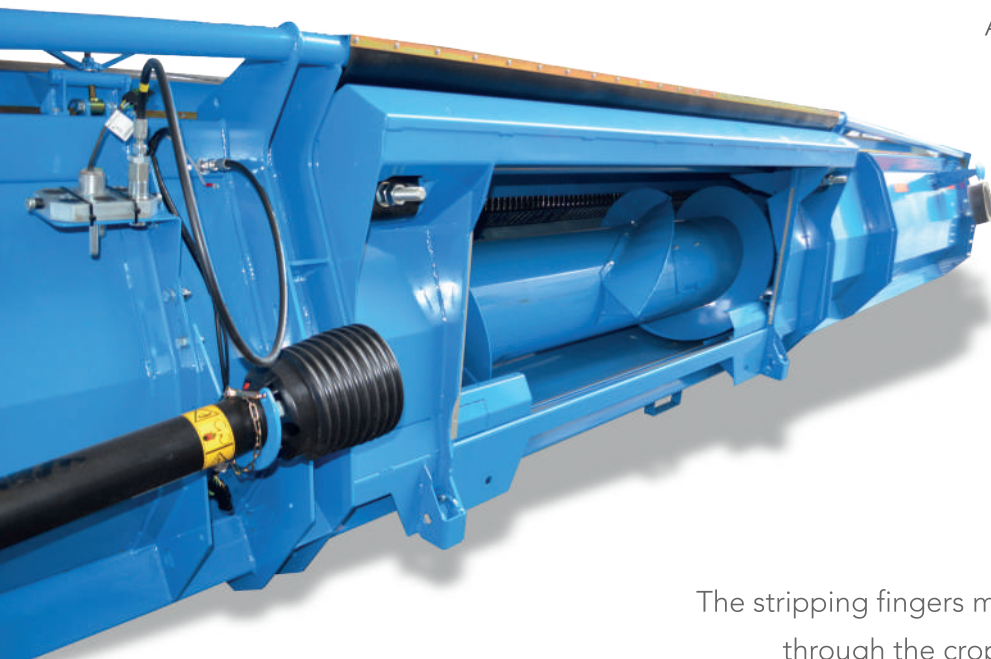
SHELBOURNE REYNOLDS HAS RECOGNISED THAT THE LIMITING FACTOR IN COMBINE PERFORMANCE IS THE ABILITY OF THE MACHINE TO HANDLE LARGE AMOUNTS OF STRAW AND SEPARATE GRAIN FROM IT.



NON-AGGRESSIVE SEED SAVER
STAINLESS STEEL FINGERS

RSD rotor speeds are changed by swapping interchangeable pulleys. This simple drive system transmits maximum power with minimal moving parts.

RICE SPECIAL

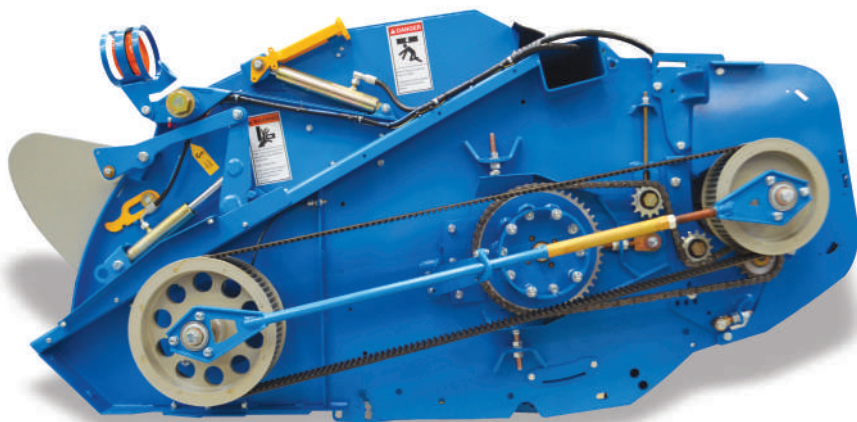


At the heart of today's header is the 24 inch diameter stripper rotor that contains 8 rows of stainless steel stripping fingers that run the full width of the header.

The keyhole shaped area at the base of the fingers is critical to the stripping process.

The stripping fingers mounted to the spinning rotor comb through the crop stripping the grain from the head.

RSD DRIVE



Tougher threshing or higher moisture crops generally require a faster rotor speed. Speeds will vary from medium grain to long grain and from standing to down rice.

After the grain is stripped it is thrown rearwards by centrifugal force away from the rotor.

It is then deflected down into the stainless steel auger pan. The auger gathers the material to the center and delivers it into the feederhouse of the combine using spiral paddles.

RSD DRIVE SYSTEM

- AVAILABLE SPEEDS: 420 RPM TO 800 RPM
- BELT TYPE: HIGH TORQUE TIMING BELT
- TENSIONING SYSTEM: PIVOTING GEARBOX

“ THE SHELBOURNE HEADER HAS BEEN DEVELOPED TO REDUCE THE AMOUNT OF STRAW TAKEN INTO THE COMBINE AND SIGNIFICANTLY INCREASES ITS CAPACITY ”

STRIPPING RICE

The stripper header delivers 85% of the grain pre-threshed, so all the combine has to do is separate a little chaff and trash. Such a large reduction of foreign material going into the combine increases its capacity by up to 100%.

RSD RICE SPECIAL FEATURES

- Spring stainless steel flange tipped fingers give increased wear resistance as well as providing a more selective stripping action by stripping more rice and less flag leaf at a lower rotor speed
- Stainless steel crop deflector for improved wear resistance
- Stainless steel floor for better feeding and improved wear resistance
- Direct feed auger trough allows the crop to be fed direct into the deeper flighted auger to give maximum performance in down rice with a minimum number of moving parts
- Poly coated skids for muddy conditions
- Hardened auger flighting for improved wear resistance
- Adaptor plate design allows external header pitch adjustment
- Heavy duty 10 spring auger slip clutch

The benefits of using a stripper header in rice includes an increased harvesting ground speed and increase in the combines capacity by 50 to 100%, both achieved by the decrease in straw intake into the combine and generally making the combine's job easier. Productivity increases of over 100% can be achieved when harvesting in adverse conditions such as down lodged rice.

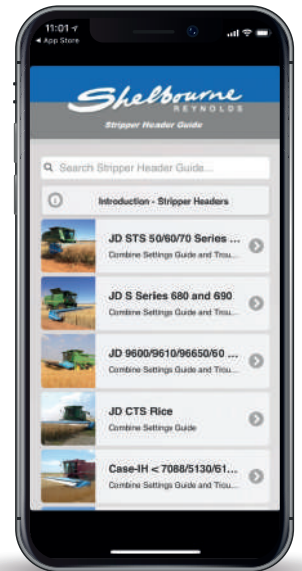
Better milling grades are very common due to less aggressive settings on the combines threshing systems because the header is doing the bulk of the threshing. Fuel consumption per acre usually falls by 25%. The net result is that you put more of a better quality rice into the bin in less time putting fewer hours on the combine.

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RSD STRIPPER HEADER

STRIPPING SPECIALITY CROPS

The RSD stripper header has revolutionised harvest for many specialty seed producers around the world. The strippers ability to comb lodged crops off of the ground and strip the seed without taking much of the green stem into the combine increases harvesting efficiency by up to 50%. Because the combine no longer has to process so much foreign material the seed recovery rates generally improve.



Reduced foreign material intake also helps to ease the burden on the combines cleaning system resulting in cleaner seed samples.

The aggressiveness of the header is regulated by changing the speed of the rotor, this then enables selective harvesting in high value tropical grasses. The rotor can be set to strip mature seed but leave immature seed on the head which then can be harvested later.

- Improved seed recovery
- Increased capacity in lodged crops
- Decreased fuel consumption
- Cleaner seed



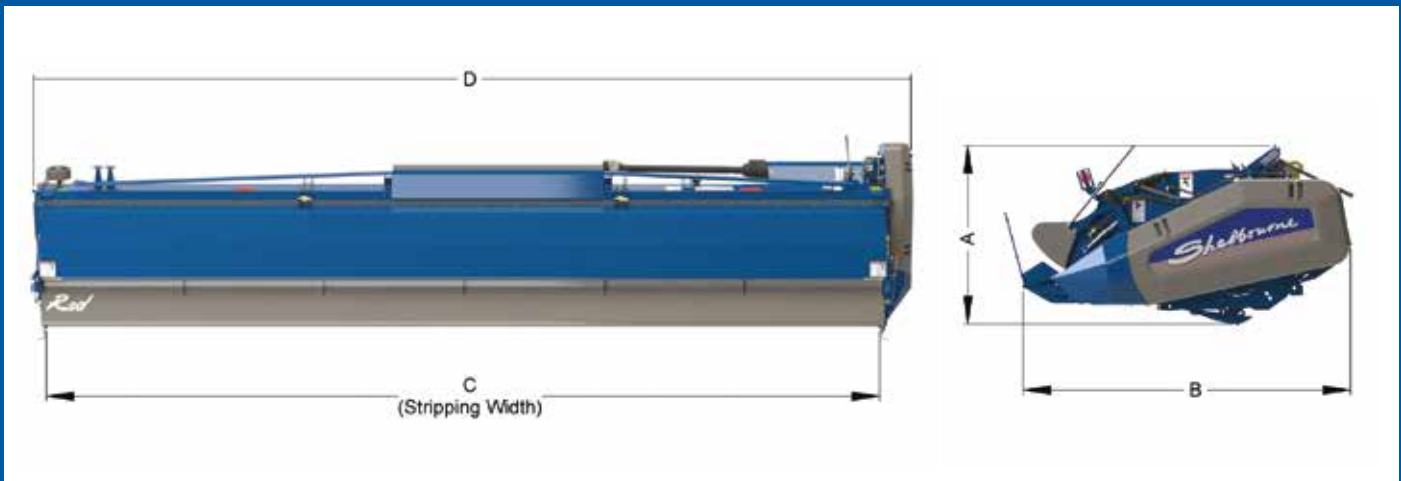
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RSD STRIPPER HEADER TECHNICAL DATA

FIND US:



	A	B	C	D	WEIGHT (APPROX.)
RSD 12	1152mm 3'9"	2260mm 7'5"	3600mm 11'10"	4036mm 13'3"	1600kg 3530lbs
RSD 16	1152mm 3'9"	2260mm 7'5"	4800mm 15'9"	5236mm 17'2"	1850kg 4080lbs
RSD 20	1152mm 3'9"	2260mm 7'5"	6000mm 19'8"	6436mm 21'2"	2100kg 4630lbs
RSD 24	1152mm 3'9"	2260mm 7'5"	7200mm 23'7"	7636mm 25'1"	2350kg 5580lbs
RSD 28	1152mm 3'9"	2260mm 7'5"	8400mm 27'7"	8836mm 29'	2930kg 6460lbs
RSD 32	1152mm 3'9"	2260mm 7'5"	9600mm 31'6"	10036mm 32'11"	3080kg 6790lbs



For complete details of the correct sizes and fitting for the combine on which the Shelbourne Header is intended to be used, please contact your local Shelbourne Reynolds Dealer or the factory direct.

SHELBOURNE REYNOLDS
ENGINEERING LTD.

SHEPHERDS GROVE, STANTON, BURY ST EDMUNDS,
SUFFOLK, IP31 2AR T: 01359 250415 F: 01359 250464

SHELBOURNE REYNOLDS
INC.

1250 SOUTH COUNTRY CLUB DRIVE, COLBY, KANSAS,
67701, USA T: 785-462-6299 F: 785-462-6761
SHELBOURNE.COM

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STRIPPER HEADER



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CVS STRIPPER HEADER

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CVS STRIPPER HEADER



CAB MOUNTED CVS VARI
SPEED MONITOR
CONTROLLER

SHELBOURNE REYNOLDS HAS RECOGNISED THAT THE LIMITING FACTOR IN COMBINE PERFORMANCE IS THE ABILITY OF THE MACHINE TO HANDLE LARGE AMOUNTS OF STRAW AND SEPARATE GRAIN FROM IT.

The Shelbourne Header has been developed to reduce the amount of straw being taken into the combine and significantly increase its capacity.



HIGH STRENGTH
MODULAR ROTOR
WITH 'SEED SAVER'
FINGERS

CVS DRIVE

At the heart of today's header is the 24 inch diameter stripper rotor that contains 8 rows of stainless steel stripping fingers that run the full width of the header. The keyhole shaped area at the base of the fingers is critical to the stripping process.

CEREAL SPECIAL FEATURES

The fingers, when mounted to the rearwards spinning rotor, comb through the crop, picking it up if it is lodged or lying down and feeding the grain heads back into the keyhole shaped stripping area. The grain is quickly and cleanly stripped from the head and fed into the auger trough.



ADAPTOR PLATES
TO SUIT MOST
COMBINES



SPIRAL AUGER PADDLES

CVS CEREAL SPECIAL FEATURES

Spring stainless steel flange tipped fingers give increased wear resistance as well as providing a more aggressive stripping action. The fingers are orientated with the cups facing upwards to aid in stripping hard threshing varieties. These cups also contain the grain and control its trajectory as it moves through the header.



AUGER &
GRAIN PAN

Variable speed belt drive allows the operator to adjust the rotor speed using a cab mounted switch to compensate for changing field conditions. It is common to start in the morning at a higher rotor speed when conditions are damp and tough, then slow the rotor down as the crop dries out and then speed it up again in the evening as harvesting conditions toughen.

24, 28 and 32 foot headers are offset to the right to compensate for the heavier left end of the header. This makes levelling the header on the feederhouse easier.

CVS DRIVE SYSTEM

- SPEED RANGE: 420 RPM TO 800 RPM • SPEED INCREMENTS: 10 RPM
- SPEED CHANGE FACILITY: MONITOR IN CAB • BELT TYPE: SINGLE VARIABLE SPEED BELT
- TENSIONING SYSTEM: POSI-TORQUE SPRING AND CAM SELF TENSIONING SYSTEM

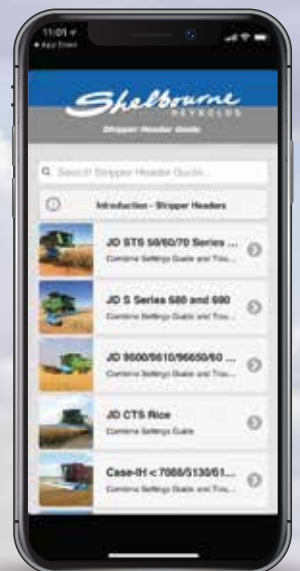


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GENERAL WHEAT HARVEST

The use of a stripper header provides the average combine with 30% to 50% additional harvesting capacity. The stripping action delivers grain and a small amount of straw/chaff to the combine which improves productivity and reduces losses.

WHEAT HARVEST/DOUBLE CROP SOYBEAN PLANTING

A stripper header enables the farmer to harvest between 1 and 2 weeks earlier than normal and at a higher moisture level and then plant new soybeans earlier into the stripped straw. Stripped straw provides a significantly more favourable planting environment because the planter no longer has to penetrate a thick mat of chopped straw left by a conventional cutterbar header. Significantly better seed to soil contact can be expected, which in turn leads to better germination.

EARLIER CEREAL HARVEST = 1) BETTER QUALITY WHEAT 2) EARLIER DOUBLE CROP BEAN PLANTING 3) HIGHER SOYBEAN YIELDS

LODGED AND WEATHER DAMAGED CROPS

Because of the rearwards rotation of the stripping rotor it is able to pick haled and lodged crops up off of the ground. Under such conditions straw intake is kept low and so both productivity and crop recovery are both significantly improved.



• No-till Corn in Wheat Straw

• No-till Beans in Wheat Straw

DRYLAND WHEAT RESIDUE/MOISTURE MANAGEMENT

Rather than cutting the field low to the ground as with a conventional header a stripper header leaves standing residue. This standing straw has tremendous conservational value. Moisture conservation through snow trap and ground shading have come to mean the difference between a successful crop and a failure for many farmers. Standing straw provides an ideal no-till planting environment and is often utilized by farmers to benefit their following crop rotations.

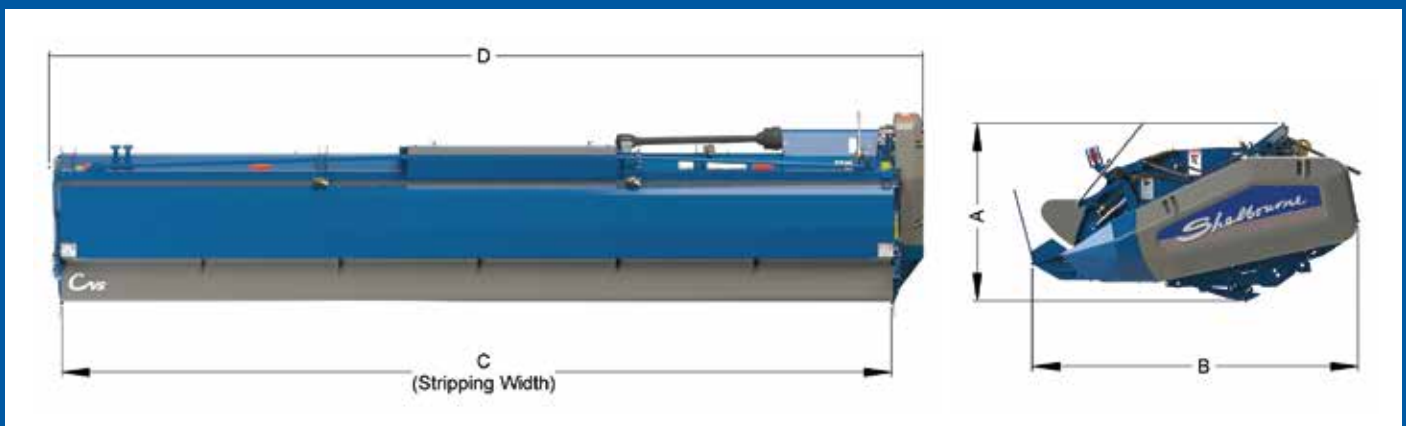
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