



INTRODUCING CMC AGRI NO TILL SYSTEM THE HIGH SPEED GENERATION 2 ROW PREPARATION SYSTEM

CMC Agri with 40 years of No-Till Leadership & Innovation, with the goal for the no till farmer to be able to drive into an unprepared field & plant the field, leaving the seed in near perfect conditions. This system confronts the issue that no till farmers have had to deal with row cleaning plugging issues during planting season on every unit purchased....UNTIL NOW!

When you are looking at the front unit you will notice the tiger paw cleaning wheels separate the residue after it has been cut by the round coulters blade. This is the ONLY ONE that does! Most competitors try and separate the residue in front of the blade which is part of the plugging issues, but what it means to the farmer is that it takes more power to separate the trash before cutting it. The use of this system could drastically reduce pre-planting tillage, which is one of the major greenhouse gas pollution contributors to climate change globally.

Introducing the Generation 2 High Speed Planting Attachment Row Preparation System:

This unique high-speed planting system is not only a new trailing wheel design, with pivoting arms attached on anhedral angles (pat pend.) that allow the cleaning wheels to pivot independently up and away from coulters and frame instead of lodging when hitting rocks or debris piles. That with its ability to convert from dry high-residue soil to wet conditions in just minutes per row. Upfront, the coulters and tiger paw row cleaning wheels can be removed and go into wet conditions by switching to the CMC slicer wheel. In the rear for dry conditions, the wide rubber tire used in sealing moisture in the seed area can be switched in minutes to the narrow, taller tire, which resists wet conditions. It virtually will not plug under any field conditions. The same bearing number is used in 13 areas. The system does not use or need air cylinders or hydraulic cylinders to monitor its operation. The front will travel any surface & clean an area for the planter wheels using only spring pressure to maintain depth control. The rear is designed with a 4" rubber wheel that maintains exact closing wheel depth and aids in sealing the seed trench, as well as sealing in vital moisture. There is also a 3" rubber wheel for wet clay or wet gumbo that seals that stubborn open seed trench top.

This is what makes the difference planting or plugging in wet conditions on 6 to 96 row planters.



Different sizes of tires can be easily changed to match the type of soil you are planting in. Whether dry or wet, clay, gumbo, sandy or sandy loam soil type you may be dealing with, being able to change out the tire or use no tire at all, and install the flex spring tooth soil mulching unit in minutes in addition to the curved tine system I designed and patented 30 years ago, for extremely wet conditions and continuing to plant is a huge plus! Remember 13 bearing using the same number in front & rear. The rubber wheels used are an added bonus in areas of seed emerging soil problems. The sides of the tires mark compressed leaving the center area lightly

pressed. This center line often cracks when sunlight warms the soil & highly aids in seed emergence. In the rear the closing wheels are designed to be much wider at the top. This enables the teeth to close the seed trench from the sides for better seed trench sidewall destruction. When used with either size of tire, the seed area is unmatched by using previous methods. One bearing number is used in 13 separate locations! No bushings are used on any hinged part. The most notable aspect of the CMC row cleaner is the substantial fuel savings due to the reduction of power needed in the field to operate. This is due to it having anhedral angles (patent pending) on the independently pivoting of the swinging arms. This in turn allows function in the proper place of being in the center line of the coulters. Residue is first cut and then moved outward by the CMC tiger paw cleaning wheels rather than the traditional method of pulling the residue apart requiring more horse power, also imparting high stress loads on the planter frames of 24, 36 or 48 row planters.

Walter Carroll, Farmer/Owner Call 432-280-9593 for more! cmc-agri.com