



Available in a wide variety of widths, chain sizes and lengths, McLanahan Apron Feeders are custom engineered to meet customers' specific applications, ranging from light-duty to severe-duty. They provide a positive, consistent, forward motion for material, along with a means to meter the material flow. Apron Feeders are ideal for a wide variety of applications, including mining, quarrying, recycling, coal recovery, and other applications where moving various tonnages of material with precision is beyond the scope of other types of feeders.

These rugged feeders feature a continuous steel belt comprised of overlapping flights, or pans, connected to dozer chains that are supported by dozer rollers located under load. Impact rails reduce any permanent flight deflection. The entire feeder is supported by a heavy-duty structural steel beam frame.

SAFER

Apron Feeders are designed and built to minimize the amount of maintenance and operator interaction. Sealed-for-life tractor components minimize maintenance and require minimal personnel attention. When periodic maintenance is required, most tasks can take place at the tail end of the feeder, which is easily accessible. Safety pull-cords and a zero speed switch are standard features for added safety. Unlike vibratory feeders, when you stop an Apron Feeder, the material flow stops immediately.

SIMPLER

Apron Feeders are designed for applications that require the equipment to run continuously with minimal downtime and to extend life between maintenance periods. Crawler tractor chain components of hardened steel construction offer a unique design for long life, while both the carrying and returning rollers feature lifetime lubricated, fully-sealed bearings and can be replaced without breaking the chain. These feeders are available with either a hydraulic or electric drive.

SMARTER

All aspects of the Apron Feeder design combine to make your site more efficient and more productive. Replaceable segmental sprockets are designed with an odd number of teeth for optimum wear, as well as for simple removal and reversing without breaking flight chains. Both hydraulic and electric drives are capable of variable speeds that can be controlled via PLC, providing added efficiency and effectiveness to the overall operation.



Effective metering for a wide variety of applications.



Easily accessible tail section assembly of Apron Feeder.



Designed and manufactured to stand-up in the toughest environments.