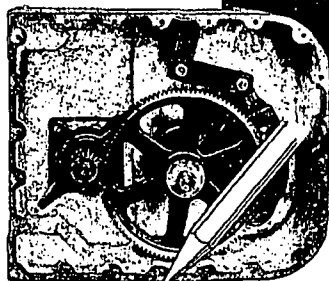


Check These 4 Items when Purchasing Spreader Stokers



2 DISTRIBUTOR

Check whether overthrowing or underthrowing; means for adjusting lateral distribution; accessibility

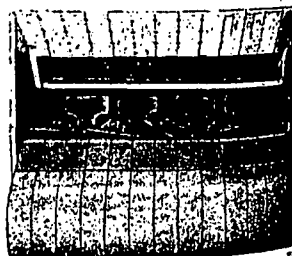
Riley employs the overthrowing distributor which provides the most uniform longitudinal distribution and prevents damage and outage caused by wedging of foreign materials between distributor and housing. The angle of the distributor blades is adjustable in order to vary lateral distribution. Ready access is provided to distributor from front of stoker.



1 FEEDER DRIVE

Check for — simplicity
accessibility
ease of lubrication
maintenance

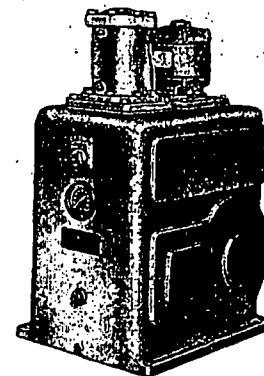
The Riley Spreader Stoker feeder drive employs an adaptation of the Stephenson link mechanism giving an extremely simple drive which provides complete speed control from zero to maximum coal feeding capacity. The mechanism is completely enclosed and is splash lubricated practically eliminating maintenance.



3 GRATE DRIVE

Check for — range of control
lubrication
power required to drive
simplicity

Riley uses a hydraulically driven ratchet drive completely enclosed. This simple rugged drive automatically lubricated has practically no maintenance, is not susceptible to damage in case of grate obstruction and has low power consumption.



4 GRATE SURFACE

Check for —
method of support
size of individual grates
air distribution

The Riley grate surface consists of small grates only 2 inches wide with 6-inch pitch, mounted on carrier bars which are bolted to skid shoes fastened to rugged steel roller conveyor chains. The skid shoes slide on a rail. This construction eliminates all strains from the grates themselves. By use of large numbers of small grates uniform air distribution and low maintenance is obtained.



RILEY

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