

- 2 Tube rollers.
- 8 Pumps.
- 1 Transfer table.
- 1 Driving wheel revolver used in setting slide valves.
- 30 Hoists in shop.
- 3 Hoists 10 feet lift outside.
- 1 Device for handling oil.
- 1 Hose coupling fitter.
- 1 Tool for tearing down old car roofs.
- 1 Drop pit.
- 1 Device for delivering sand.
- 1 Device for extracting oil from waste, etc.
- 1 Shunting locomotive (traction engine).
- 1 Device for securing sheets at flange fire
- 1 Device for cleaning coach cushions.
- 3 Paint burners.
- 1 Whitewashing machine.
- 1 Device for handling work in brass foundry.
- 1 Turntable revolver.

Air is also used for testing brakes in shop and yard, cleaning boiler flues, cleaning the shops and engines, and in self-moving dead locomotives from erecting to paint shop.

Although this makes a good show for one set of shops it is far from marking the limit of compressed air as applied in railway service to-day. It is used for moving crossing gates; track interlocked derailleurs; single semaphores and semaphores interlocked with switches and gates, and this, too, at points 18 miles away from the compressing plant; in timber preserving by injection; in moving capstans and winches for hauling and shunting purposes; in coaling locomotive tenders; in lifting their ashes out; in sifting, lifting and delivering sand to locomotives; in delivering sand to rail; actuating whistle signal; moving the rocking firegrate; opening the firehole door; ringing the bell, and perhaps the best known of all in actuating the continuous automatic brake. Also on other rolling stock for controlling snow-plow wings and aprons; ice flangers and scrapers; doors of dump and drop-bottom cars, and for tilting ballast cars; and inside shops for bending pipes; cleaning pipes from internal scale; testing pipes and their jointing; with gas jets for heating tires and other rings of metal; as a blowpipe for straightening bent wrought iron frames; for spraying fuel into oil furnaces; for belt shifting on countershafts; for machine brakes to stop tools at a definite point; for supplementing the wheel and axle hydraulic press; for axle box and journal press; with sand as sandblast for cutting and scouring; and for scrap shears and scrap tumblers at far end of yard where the noise is least annoying, and where there is ample space for scrap sorting.