

Angle Compound Compressors and Vibrations

In a vertical compressor vibration of the moving parts shakes the machine up and down.

In a horizontal compressor, the vibration shakes it back and forth.

In a cross compound compressor, the connecting rods and crankshaft form a couple which causes still other vibrations.

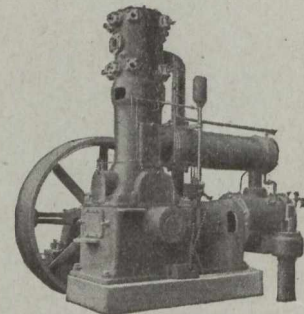
In these older types, heavy construction and massive bed plates or foundations are necessary to absorb the vibrations. But these exist, and cause wear and strain on the moving machine.

The perfect balance of the vertical and horizontal moving parts of the **Sullivan Angle Compound Compressor**, assisted by a slight counter weight, practically neutralizes the up and down and back and forth vibration. There is no twisting strain, because the two connecting rod boxes seat cheek to cheek on the crankshaft.

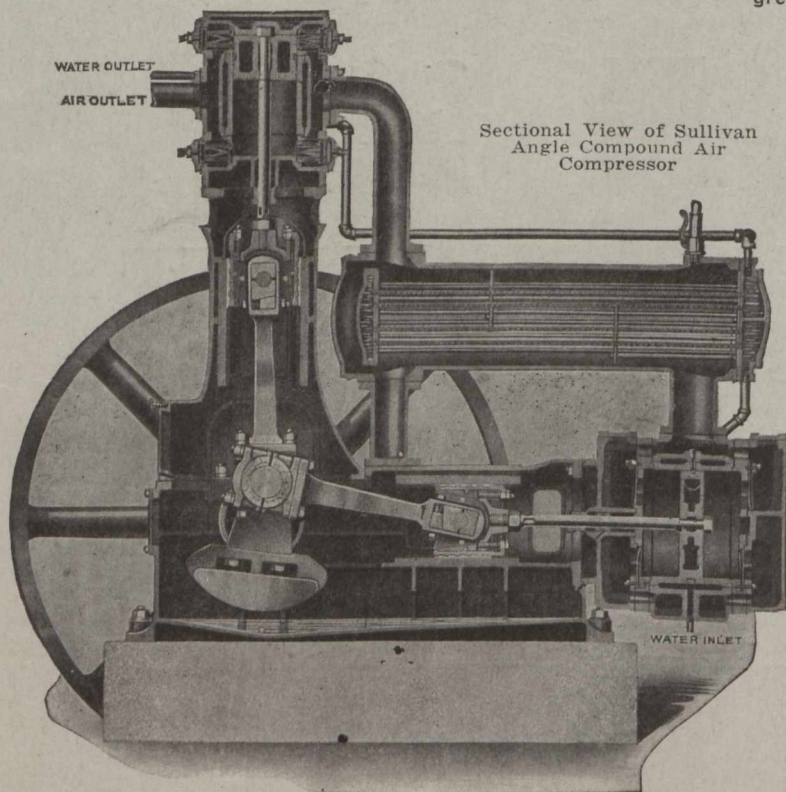
This balance, smooth running and practical freedom

from vibration are responsible for Angle Compound superiority as shown by:

- Smaller foundations and floor space
- Reduction in horse power per unit of air compressed
- Reduction in wear and breakage
- Smaller and lighter units can operate safely at greater speeds, thus reducing initial cost.



Sullivan Angle Compound
Air Compressor



Other Angle Compound Advantages

- Accessibility
- Flexible driving arrangements
- "Finger" plate valves
- Removable Cylinder liner
- Aluminum intercooler tubes
- Inlet unloader with high pressure relief valve
- Capacity single units 400-1300 ft.
- Twin units 900-2700 ft.
- Ask for Bulletin 675-S

SULLIVAN MACHINERY COMPANY
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SULLIVAN PRODUCTS

Air Compressors; Air Lift Pumps; Diamond Drills; All-Hammer Drill Sharpeners; Drill Steel Furnaces; Forge Hammers; Ironclad Coal Cutters; Rock and Hammer Drills; Quarrying Machinery; Contractors for Diamond Core Drilling.