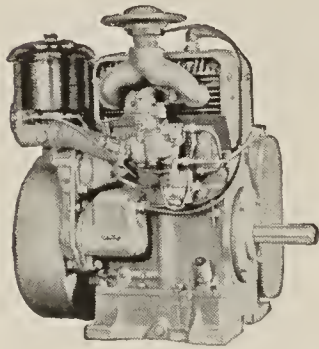
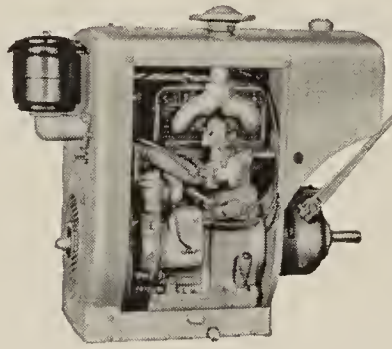


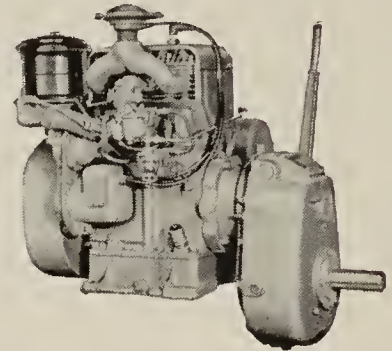
WISCONSIN Heavy-Duty *Air-Cooled* ENGINES



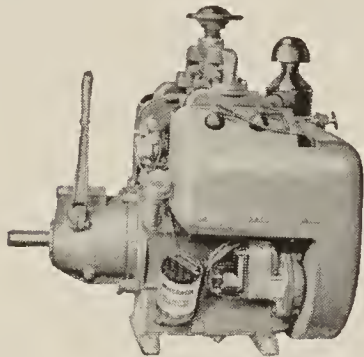
Models TE, TF standard two-cylinder engines



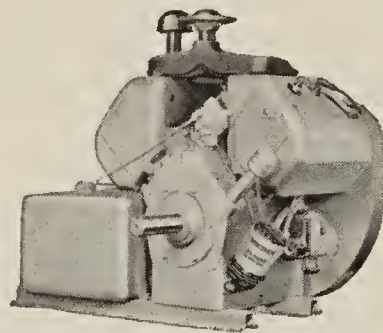
Models TE, TF two-cylinder power unit with clutch assembly.



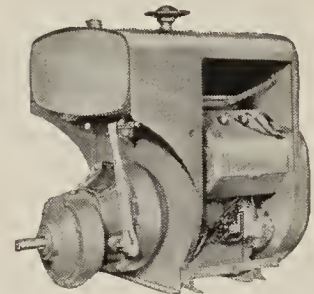
Models TE, TF two-cylinder engines with side mount fuel tank and clutch reduction assembly.



Models VE4, VF4 four-cylinder with clutch assembly.



Model VP4D V-type four-cylinder standard engine with side-mount fuel tank.



Model VP4D, VG4D four-cylinder power unit with clutch-reduction assembly.

SPECIFICATIONS—Single Cylinder Wisconsin Air-Cooled Engines

MODEL	ABN	AKN	AEN	AEH	AFH	AGH	AHH
BORE	2½"	2⅞"	3"	3"	3¼"	3½"	3⅝"
STROKE	2¾"	2¾"	3¼"	3¼"	4"	4"	4"
NO. OF CYLINDERS	1	1	1	1	1	1	1
DISPL. CU. INCHES	13.5	17.8	23	23	33.2	38.5	41.3
HP. RANGE.....	2.2-4.6	3.2-6.2	4.5-8.25	3.9-6.1	6.0-7.2	7.2-8.4	7.7-9.2
SPEED RANGE—RPM.....	1600-3600	1600-3600	1600-3600	1600-3200	1600-2200	1600-2200	1600-2200
NET WT. IN LBS.							
Standard Engine.....	76	76	110	130	180	180	180
Added Wt. for Clutch.....	26	26	35	35	35	35	35
Added Wt. for Reduction.....	18	18	25	25	60	60	60
Added Wt. Clutch Reduction.....	—	—	80	80	80	80	80

SPECIFICATIONS—Two and Four-Cylinder Engines

MODEL	TE	TF	VE4	VF4	VP4D	VG4D
BORE	3"	3¼"	3"	3¼"	3½"	3½"
STROKE	3¼"	3¼"	3¼"	3¼"	4"	4"
NO. OF CYLINDERS	2	2	4	4	4	4
DISPL. CU. INCHES	45.9	53.9	91.9	107.7	154	154
HP. RANGE.....	7.2-11.2	8.7-14.6	13-21.5	15-25	23.5-31	25-36
SPEED RANGE—RPM.....	1400-2600	1400-2600	1400-2400	1400-2400	1400-2200	1400-2200
NET WT. IN LBS.						
Standard Engine.....	210	210	295	295	400	410
Standard Engine with Side Mount Tank.....	220	220	315	315	430	440
Standard Power Unit.....	255	255	355	355	485	495
Added Wt. for Clutch.....	35	35	40	40	100	100
Added Wt. for Clutch Reduction	85	85	90	90	150	150

WISCONSIN Heavy-Duty *Air-Cooled* ENGINES

Wisconsin Heavy-Duty Air-Cooled Engines offer the cumulative benefits of many years of exclusive specialization in the manufacture of four-cycle carburetor-type air-cooled engines, in a complete power range from 3 to 36 Hp. The Wisconsin Motor Corporation manufactures **ONLY** Air-Cooled Engines. There is nothing to divert progressive thought and effort from this specialized operation.

Every Wisconsin Engine from the smallest to the largest, is of heavy-duty design and construction, built to the

highest quality and service standards—to deliver "Most Hp. Hours" of on-the-job service.

Every Wisconsin Engine is equipped with tapered roller bearings at BOTH ends of the rugged, drop-forged crankshaft to take up end thrusts and radial loads and provide the greatest protection against bearing failure—also permitting safe mounting of drive pulley, gear or sprocket directly on the extended crankshaft. This is a typical heavy-duty feature that adds to long life and serviceability assuring the most service with the least servicing.

MECHANICAL SPECIFICATIONS

Rotation:

Counter-clockwise facing power take-off shaft.

Cooling:

Positive air-cooling is obtained from large fan cast in fly-wheel which forces blast of air across and around cylinder and head.

Carburetor:

Concentric float feed type assures efficient and economical operation.

Air Cleaner:

Efficient oil bath type.

Ignition:

High tension rotary type outside magneto with impulse coupling assures easy starting.

Governor:

Built-in mechanical flyball type.

Lubrication:

Single-cylinder models (except Model AEN) have pump-circulated constant level splash system. Multi-cylinder models and Model AEN pump individual oil stream to each connecting rod. Other parts lubricated by oil spray.

Main Bearings:

Tapered roller at both ends of crankshaft.

Crankshaft:

Balanced heat treated drop forging.

Connecting Rods:

Aluminum in Models ABN and AKN. All other models have steel forged rods.

Connecting Rod Bearings:

Highest quality S.A.E. tin base babbitt die-cast directly in rod.

Pistons:

Aluminum alloy.

Valves:

Heat resistant alloy steel forging, single cyl. models. Stellite-faced steel exhaust on Models VP4D and VG4D.

Valve Rotators:

Positive type exhaust valve rotators standard equipment on Model VG4D.

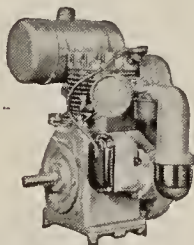
Valve Seat Inserts (Exhaust):

Moly iron, single and 2-cylinder models and Models VE4, VF4. Stellite-faced steel, Models VP4D and VG4D.

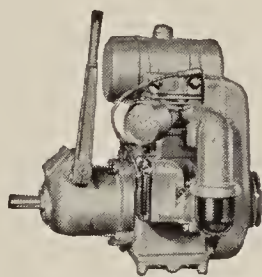
Cylinder Heads:

Aluminum alloy all single cyl. and 2-cyl. models. Cast iron all 4-cylinder models.

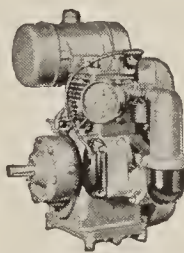
SPECIAL EQUIPMENT: Variable speed controls, Stellite-faced exhaust valves and Stellite valve seat inserts, clutch take-off assemblies and reduction assemblies can be furnished on all models. Clutch reduction assemblies and electric starting available for larger single cylinder and all two- and four-cylinder models. Special equipment must be specified at time engine is built.



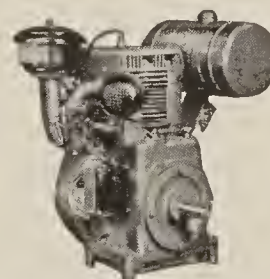
Models ABN, AKN standard single-cylinder engines.



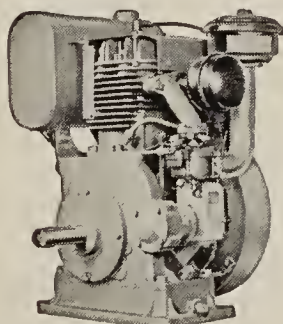
Models ABN, AKN single-cylinder engines with clutch assembly.



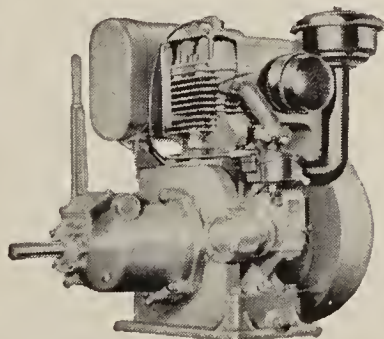
Models ABN, AKN single-cylinder engine with reduction assembly.



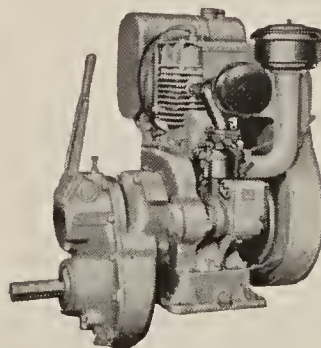
Model AEN single-cylinder standard engine.



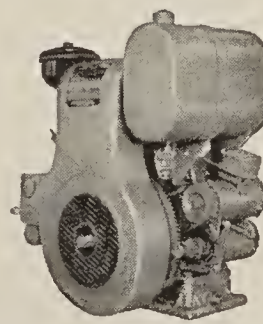
Models AEH, AFH, AGH, AHH standard single-cylinder engines.



Models AEH, AFH, AGH, AHH single-cylinder with clutch assembly.



Models AEH, AFH, AGH, AHH single-cylinder with clutch reduction assembly.



Models AEH, AFH, AGH, AHH single-cylinder with electric starting equipment.