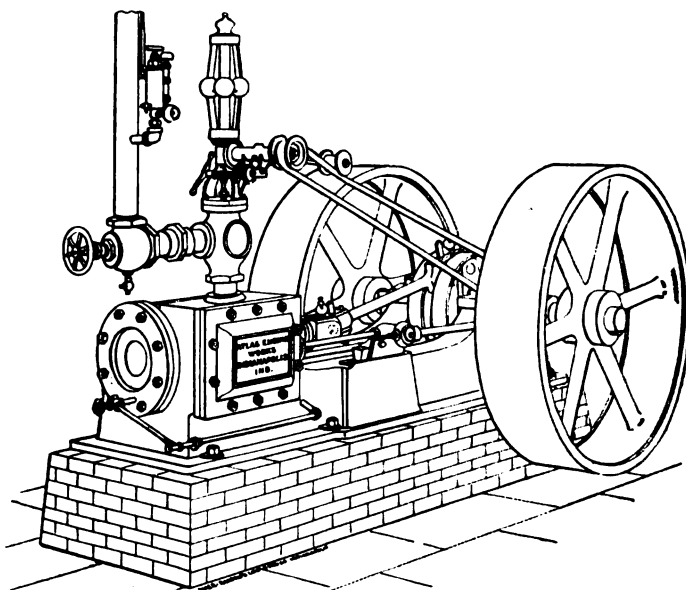


ATLAS ENGINE WORKS, INDIANAPOLIS, IND.



PLAIN SELF-CONTAINED ENGINE—CLASS A.

Estimate No.	Dimensions of Cylinder		Rated Horse Power	Standard Revs. per minute	Two Band Wheels		Diam. of main shaft Inches	Diam. of Steam Pipe Inches	Diam. of Exhaust Pipe Inches	Floor Space Approximate		Shipping weight Pounds		
	Diam. Inches	Stroke Inches			Diam. Inches	Width of Belt Inches				Length	Width			
													Ft.	In.
7 A	7	10	10	200	40	7	2 15-16	1½	2	7	0	3	8	1,800
8 A	8	10	15	200	40	7	2 15-16	2	2½	7	0	3	8	1,800
9 A	9	12	20	185	42	9	3 7-16	2	3	7	9	4	8	3,200
10 A	10	12	25	185	42	9	3 7-16	2½	3½	7	9	4	8	3,200
11 A	11	14	30	170	48	12	4½	2½	3½	9	2	5	7	4,500
12 A	12	14	40	170	48	12	4½	3	4	9	2	5	7	4,500

Each Engine is furnished with wrought iron main shaft, two band wheels, governor, governor belt, stop valve, automatic sight feed cylinder lubricator and connections, oil can, oil cups, wrenches and cylinder drain pipes and valves.

Combinations with Horizontal Tubular Boilers.

Estimate Number	Plain Self-Contained Engine				Horizontal Tubular Boiler			Distance Between centre of Engine and centre of Boiler Feet	Shipping Weight Pounds
	Diam. Cylinder Inches	Length of Stroke Inches	Rated Horse Power	Standard Revs. per Minute	Diam. of Shell Inches	Length of Tubes Feet	Rated Horse Power		
7 A L	7	10	10	200	36	8	15	9	5,800
8 A L	8	10	15	200	36	8	15	9	5,900
9 A L	9	12	20	185	36	10	20	9	7,800
10 A L	10	12	25	185	36	12	25	9	8,400
11 A L	11	14	30	170	42	12	35	9	11,000
12 A L	12	14	40	170	48	12	45	10	12,500

Standard estimates, described above, include: Plain Self-contained Engine with wrought iron main shaft, two band wheels, governor, governor belt, stop valve, automatic sight feed cylinder lubricator and connections, oil can, oil cups, wrenches and cylinder drain pipes and valves.

Horizontal Tubular Boiler with dome, smoke box extension, smoke head door and stack saddle, fire front (class B) grate bars, bearing bars, back stand, back arch plates, safety valve, steam gage and siphon, glass water gage and gage cocks, check valve, stop valve, blow-off cock, whistle, smoke stack and guy rods.

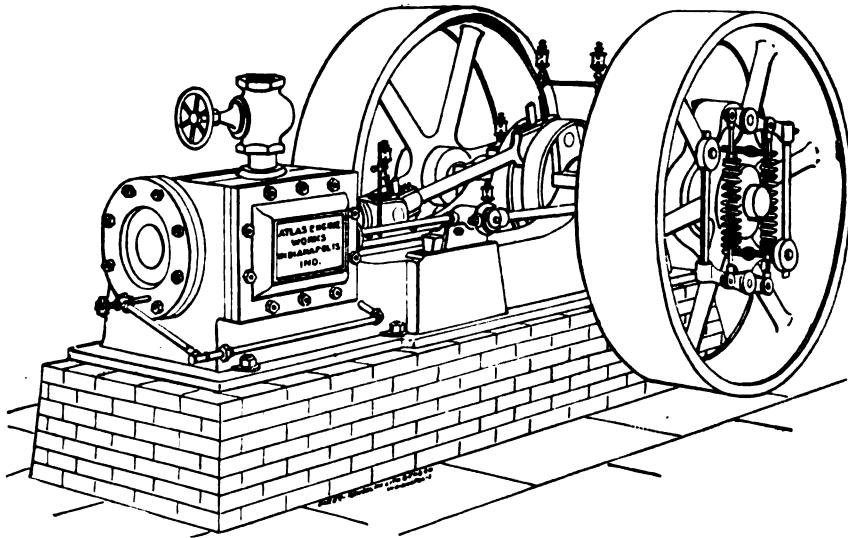
Two injectors with connections to boiler, and not exceeding thirty-five feet of discharge pipe, steam pipe connecting engine and boiler, and fifteen feet of exhaust pipe.

NOTE.

Everything furnished with the above outfits is particularly mentioned in the specifications. Anything else ordered will be charged for extra.

The two injectors furnished with these engine and boiler outfits are so arranged that either or both may be used; each being of ample capacity to feed the proper size boiler to generate steam for the engine, leaving one injector free to be used in case of accident or increased demand upon the boiler. Foundation bolts and bars for engines will be furnished, if desired and charged for extra. Independent domes can be substituted for Fixed domes on any of the above boilers, if desired, without extra charge. Boilers can be furnished without domes, if desired. Dry pipes, if ordered, can be furnished for boilers without domes.

ATLAS ENGINE WORKS, INDIANAPOLIS, IND.



AUTOMATIC SELF-CONTAINED ENGINE. CLASS B.

Estimate No.	Dimensions of Cylinder		Rated Horse Power	Standard Revs. per minute	Two Band Wheels		Diam. of main shaft Inches	Diam. of Steam Pipe Inches	Diam. of Exhaust Pipe Inches	Floor Space Approximate		Shipping weight Pounds		
	Diam. Inches	Stroke Inches			Diam. Inches	Width of Belt Inches				Length	Width			
	Ft.	In.			Ft.	In.				Ft.	In.			
7 B	7	10	18	240	40	7	2 15-16	1½	2	7	0	3	8	1,900
8 B	8	10	24	240	40	7	2 15-16	2	2½	7	0	3	8	1,900
9 B	9	12	35	225	42	9	3 7-16	2	3	7	9	4	8	3,400
10 B	10	12	43	225	42	9	3 7-16	2½	3½	7	9	4	8	3,400
11 B	11	14	53	200	48	12	4½	2½	3½	9	2	5	7	4,800
12 B	12	14	65	200	48	12	4½	3	4	9	2	5	7	4,800

Each Engine is furnished with wrought iron main shaft, two band wheels, automatic shaft governor, balanced slide valve, stop valve, automatic sight feed cylinder lubricator and connections, bracket wipe oilers for cross head pin and crank pin, drip oiler for eccentric, and special oilers for main bearings, valve cross head and main cross head guide caps, oil can, wrenches and cylinder drain pipes and valves.

Combinations with Horizontal Tubular Boilers.

Estimate Number	Automatic Self-Contained Engine				Horizontal Tubular Boiler			Distance Between centre of Engine and centre of Boiler Feet	Shipping Weight Pounds
	Diam. Cylinder Inches	Length of Stroke Inches	Rated Horse Power	Standard Revs. per Minute	Diam. of Shell Inches	Length of Tubes Feet	Rated Horse Power		
7 B L	7	10	18	240	36	10	20	9	6,400
8 B L	8	10	24	240	36	12	25	9	7,000
9 B L	9	12	35	225	42	12	35	9	9,700
10 B L	10	12	43	225	48	12	45	10	11,200
11 B M	11	14	53	200	54	14	60	10	15,500
12 B M	12	14	65	200	60	14	75	11	18,000

Standard estimates described above, include: Automatic Self-Contained Engine with wrought iron main shaft, two band wheels, automatic shaft governor, balanced slide valve, stop valve, automatic sight feed cylinder lubricator and connections, bracket wipe oilers for cross head pin and crank pin, drip oiler for eccentric, and special oilers for main bearings, valve cross head and main cross head guide caps, oil can, wrenches and cylinder drain pipes and valves.

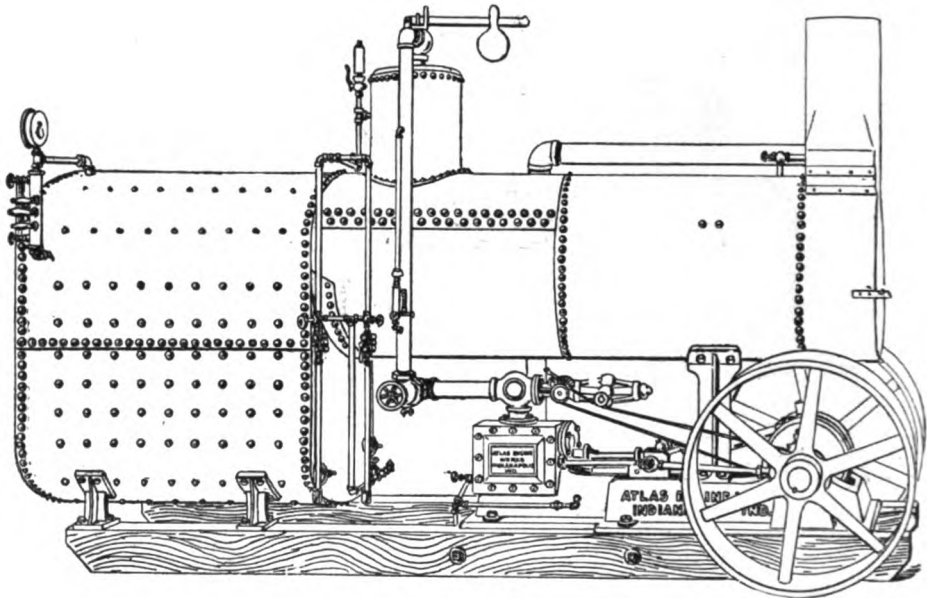
Horizontal Tubular Boiler with dome, smoke box extension, smoke head door and stack saddle, fire front, grate bars, bearing bars, back arch plates, safety valve, steam gage and siphon, glass water gage and gage cocks, check valve, stop valve, blow-off cock, whistle, smoke stack and guy rods.

Two injectors with connections to boiler, and not exceeding thirty-five feet of discharge pipe, steam pipe connecting engine and boiler, and fifteen feet of exhaust pipe.

NOTE.

The two injectors furnished with these engine and boiler outfits are so arranged that either or both may be used: each being of ample capacity to feed the proper size boiler to generate steam for the engine, leaving one injector free to be used in case of accident or increased demand upon the boiler. Foundation bolts and bars for engines will be furnished, if desired, and charged for extra. The fire fronts furnished with boilers, ranging in diameter from 36 inches to 48 inches, will be class B fronts, and with boilers 52 inches and greater in diameter, class C fronts. With boilers from 36 inches to 48 inches in diameter, back stands will be furnished. On larger sizes, cast wings will be riveted on the shells of the boilers, for their support. Boilers 52 inches, and greater in diameter, will be furnished with independent domes, unless otherwise ordered. Independent domes can be substituted for Fixed domes on any of the above boilers, if desired, without extra charge. Boilers can be furnished without domes, if desired. Dry pipes, if ordered, can be furnished for boilers without domes.

ATLAS ENGINE WORKS, INDIANAPOLIS, IND.



PLAIN SELF-CONTAINED UNDER OUTFIT—ON SKIDS. CLASS A R.

Estimate Number	Plain Self-Contained Engine				Locomotive Boiler			Shipping Weight Pounds
	Diameter Cylinder Inches	Length of stroke Inches	Rated Horse Power	Standard Revs. per minute	Diameter of Shell Inches	Length over all Ft. In.	Rated Horse Power	
7 A R	7	10	10	200	28	9 5	10	5,000
8 A R	8	10	15	200	32	11 0	15	6,200
9 A R	9	12	20	185	34	12 8	20	9,400
10 A R	10	12	25	185	36	14 0	25	10,600
11 A R	11	14	30	170	40	15 2	30	12,800
12 A R	12	14	40	170	42	16 4	40	15,100

Standard estimates, described above, include: Plain Self-Contained Engine with wrought iron main shaft, two band wheels, governor, governor belt, stop valve, automatic sight feed cylinder lubricator and connections, oil can, oil cups, wrenches and cylinder drain pipes and valves.

Locomotive Boiler on skids, with dome, grate bars, safety valve, steam gage and siphon, glass water gage and gage cocks, check valve, stop valve, blow-off cock, whistle, smoke stack and guy rods.

Two injectors with connections to boiler, steam pipe connecting engine and boiler, and exhaust pipe.

Engine is fixed on the skids under the barrel of the boiler.

NOTE.

Everything furnished with the above outfits is particularly mentioned in the specifications. Anything else ordered will be charged for extra.

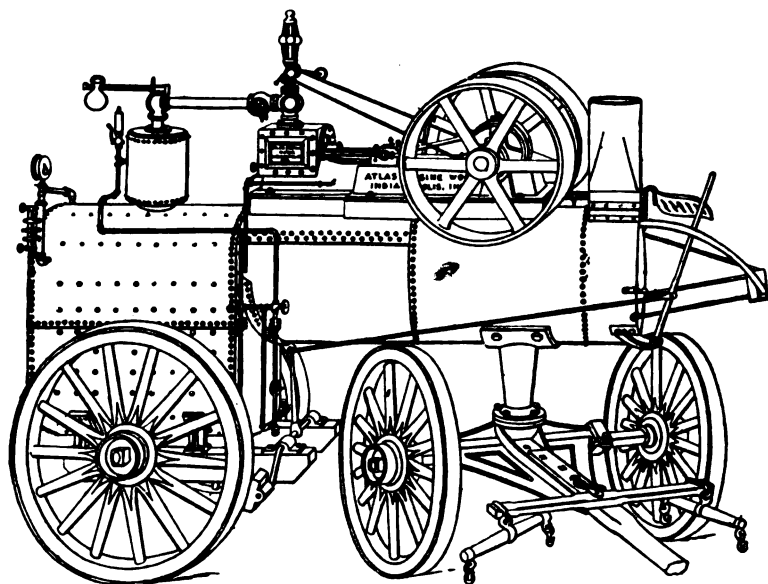
The two injectors furnished with these engine and boiler outfits are so arranged that either or both may be used; each being of ample capacity to feed the proper size boiler to generate steam for the engine, leaving one injector free to be used in case of accident or increased demand upon the boiler.

The above specifications refer to Plain Engines. We are prepared to furnish Automatic Self-Contained Engines, combined with same type of Boilers, in same manner, if desired.

FOR EXPORT BY

THE SEEGER & GUERNSEY CO., NEW YORK.

ATLAS ENGINE WORKS, INDIANAPOLIS, IND.



PLAIN SELF-CONTAINED OVER OUTFIT—ON WHEELS. CLASS A U.

Estimate Number	Plain Self-Contained Engine				Locomotive Boiler			Shipping Weight Pounds
	Diameter Cylinder Inches	Length of stroke Inches	Rated Horse Power	Standard Revs. per minute	Diameter of Shell Inches	Length over all Ft. In.	Rated Horse Power	
7 A U	7	10	10	200	28	9 5	10	6,700
8 A U	8	10	15	200	22	11 0	15	8,000
9 A U	9	12	20	185	34	12 8	20	11,500
10 A U	10	12	25	185	36	14 0	25	13,100
11 A U	11	14	30	170	40	15 2	30	15,600
12 A U	12	14	40	170	42	16 4	40	18,100

Standard estimates, described above, include: Plain Self-Contained Engine with wrought iron main shaft, two band wheels, governor, governor belt, stop valve, automatic sight feed cylinder lubricator and connections, oil can, oil cups, wrenches and cylinder drain pipes and valves.

Locomotive Boiler on skids, with dome, grate bars, safety valve, steam gage and siphon, glass water gage and gage cocks, check valve, stop valve, blow-off cock, whistle, smoke stack and guy rods.

Two injectors with connections to boiler, steam pipe connecting engine and boiler, and exhaust pipe.

Engine is fixed on top, over the barrel of the Boiler, and the entire outfit is mounted on wheels.

NOTE.

Everything furnished with the above outfits is particularly mentioned in the specifications. Anything else ordered will be charged for extra.

The two injectors furnished with these engine and boiler outfits are so arranged that either or both may be used; each being of ample capacity to feed the proper size boiler to generate steam for the engine, leaving one injector free to be used in case of accident or increased demand upon the boiler.

The above specifications refer to Plain Engines. We are prepared to furnish Automatic Self-Contained Engines, combined with same type of Boilers, in same manner, if desired.

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