

LOCOMOTIVES USED		by the PRINCIPAL ENGLISH RAILWAYS, 1886.					GOODS ENGINES BUILT in the UNITED STATES.				
		GOODS.									
North-Eastern Railway, Heavy.	North-Eastern Railway, Heavy.	North-Eastern Railway, Heavy.	Great Western Railway, Heavy.	London, Brighton, & South Coast Ry., Heavy.	Manchester, Sheffield, and Lincolnshire Railway.	Lancashire and Yorkshire Railway.	Central Pacific Railroad.	Don Pedro II. Railway, Brazil.	Southern Pacific Railroad of New Mexico.		
Simple.	Simple.	Compound 2 Cylinders. Inside	Simple. Inside	Simple. Inside	Simple. Inside	Simple. Inside	Simple. Outside	Simple. Outside	Simple. Outside		
18 ins.	18 ins.	H.P. 18 ins.	17 ins.	18½ ins.	17½ ins.	17½ ins.	21 ins.	22 ins.	20 ins.		
24 "	24 "	L.P. 26 ins.	26 "	26 "	26 "	26 "	36 "	26 "	26 "		
T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.		
37 0	37 0	37 0	36 18	40 7	40 0	37 5	77 0	64 6	51 7		
14 5	14 5	14 5	12 6	14 0	16 19	12 15	65 0	57 3	44 13		
3	3	3	3	3	3	3	7	6	5		
3	3	3	3	3	3	3	5	5	4		
5 feet	5 feet	5 feet	5 feet	5 feet	4 ft. 9 ins.	4 ft. 6 ins.	4 ft. 9 ins.	3 ft. 9 ins.	3 ft. 6 ins.		
..	..	..	..	..	..	..	{ Loading end }	{ Single pony truck at leading end }	..		
None	None	None	None	None	None	None	2 ft. 2 ins.	2 ft. 4 ins.	..		
Joy's	Joy's	Joy's	Link	Link	Link	{ Stephen-son's Link }	{ A. J. Stevens }	..	..		
140 lbs.	140 lbs.	160 lbs.	140 lbs.	140 lbs.	130 lbs.	140 lbs.	..	..	..		
Square feet.	Square feet.	Square feet.	Square feet.	Square feet.	Square feet.	Square feet.	..	Square feet	Square feet.		
17·23	17·23	17·23	15·2	20·95	18·25	19·50	..	33·0	..		
110·0	110·0	110·0	103·29	101·0	87·0	90·5	..	160·0	153·0		
1,026·12	1,026·12	1,026·12	1,053·8	1,312·0	1,141·0	935·5	..	1,783·0	1,223·84		
1,136·12	1,136·12	1,136·12	1,157·09	1,413·0	1,228·0	1,026·0	..	1,943·0	..		
Steel	Steel	Steel	Steel	Iron	Iron	Iron	..	Iron	..		
Copper	Copper	Copper	Copper	Copper	Copper	Copper	..	..	..		
Brass	Brass	Brass	Steel	Steel	Copper	Iron	..	..	..		
..	..	..	125·23	143·02	139·69	147·45	278·6	279·6	247·6		
3	3	3	3	3	3	3	Note.—The 65 tons are distributed over 5 pairs of driving-wheels.	Note.—The 57 tons 3 cwt. are distributed over 5 pairs of driving wheels.	Note.—The 44 tons 13 cwt. are distributed over 4 pairs of driving wheels.		
T. C.	T. C.	T. C.	T. C.	T. C.	T. C.	T. C.					
32 0	32 0	32 0	28 8	28 8	16 15	27 2					
4 0	4 0	4 0	2 10	2 0	2 10	3 0					
2,651 galls.	2,651 galls.	2,651 galls.	2,500 galls.	2,550 galls.	3,000 galls.	2,000 galls.					
400 tons	400 tons	450 tons	..	..	350 tons	480 tons					
1 in 107	1 in 107	1 in 107	..	..	1 in 97	1 in 27					
4 miles	4 miles	4 miles	..	..	858 yards	1,056 yards					
360 tons	360 tons	400 tons	..	..	395 tons	120 tons					