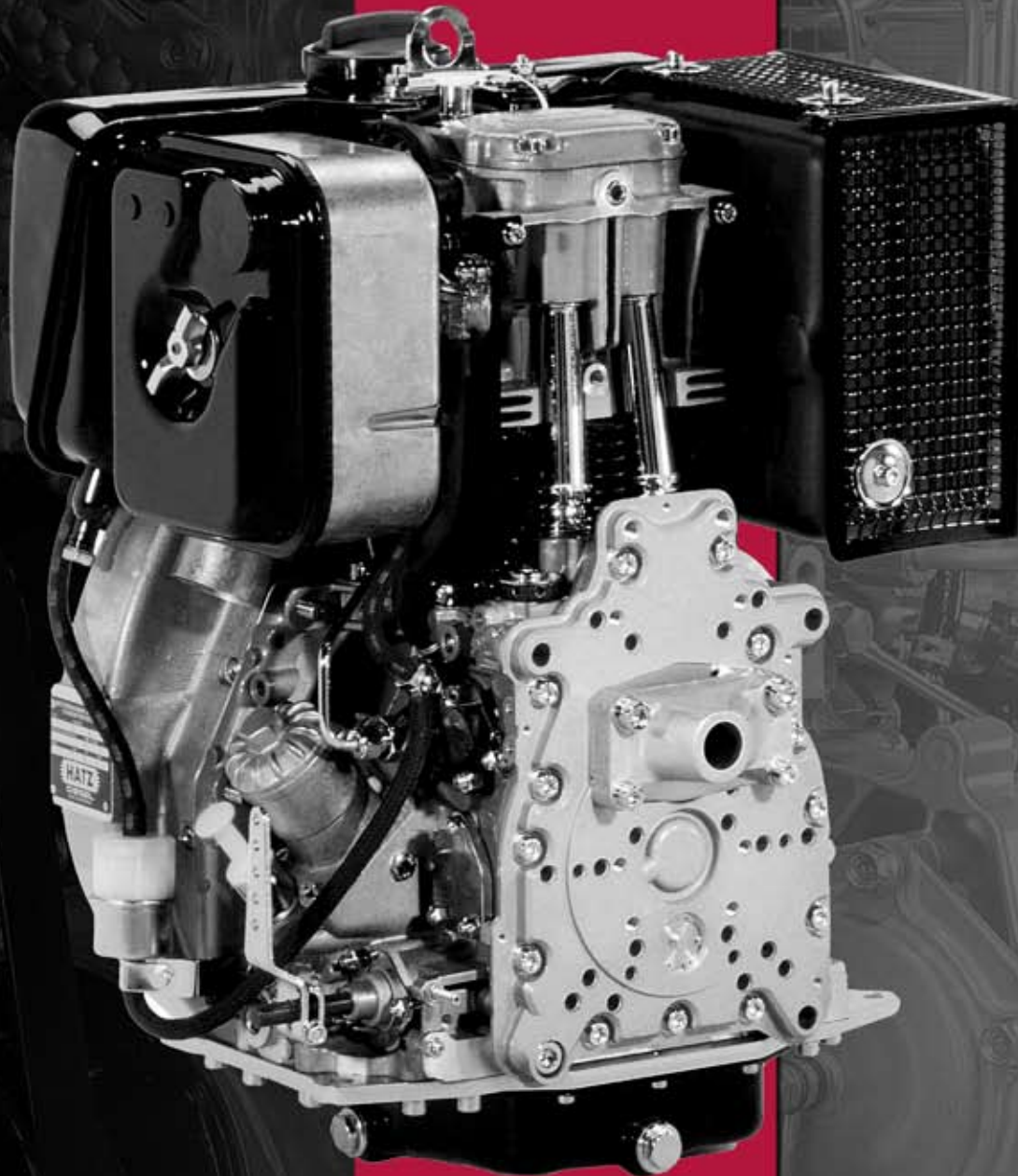




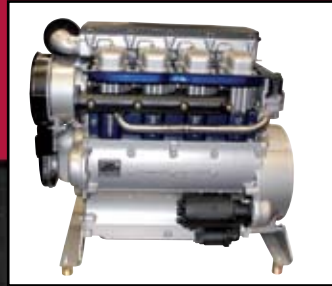
Total Energy Systems, LLC



Proven Provider of Critical Power



Engine Data Sheet



Total Energy Systems is a proud distributor for Hatz Diesel Engines.

Hatz began building engines in 1904 after being in the agriculture repair business since 1880. With over 100 years of experience building engines, Hatz Diesel is well known for its incredible durability and compact size. With these features, along with engineered noise reduction options, Hatz Diesel engines provide an excellent product for the OEM market.

Our engines sales team can help you determine the right engine for your application. We can also provide up-fitting and controls to enhance your product and to meet your exact specification. After the sale, our support continues with a comprehensive service dealer network and parts distribution. We understand our customers are looking for a reliable, hard working piece of equipment and Total Energy Systems and Hatz can help to provide it. Call us today for a quote.

MODEL	HATZ MODEL						
	1B20	1B30	1B40	1B50	1D42	1D81	2G40
Displacement	.243 L	.347 L	.462 L	.517 L	.445L	.667 L	.997 L
Cylinders	1	1	1	1	1	1	2
Aspiration	Natural	Natural	Natural	Natural	Natural	Natural	Natural
HP	4.6@3600	6.8@3600	9.9@3600	10.3@3000	9.6@3000	14@3000	19.9@3000
Torque (lb/ft)	7.7@2000	13@2000	17.6@2000	20.4@2200	17.7@2000	25.8@2000	36.9@2000
Fuel Consumption (gph)	0.33	0.48	0.70	0.69	0.57	1.01	1.30
Dry Weight lbs. (kg)	62 lbs. (28kg)	73 lbs. (33kg)	106 lbs. (48kg)	108 lbs. (29kg)	154 lbs. (70kg)	278 lbs. (126kg)	213 lbs. (97kg)
EPA Certification	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4

MODEL	HATZ MODEL						
	2M41Z	2L41C	3M41Z	3L41C	4L41C	4M42Z	4L42C
Displacement	1.716 L	1.716 L	2.547 L	2.574 L	3.432 L	3.432 L	3.432L
Cylinders	2	2	3	3	4	4	4
Aspiration	Natural	Natural	Natural	Natural	Natural	Natural	Natural
HP	35.8@3000	33@3000	49@3000	49@3000	48@2100	67@3000	65@3000
Torque (lb.-ft.)	68.6@2000	64.9@2000	105@2000	97.4@2000	110@2000	142@2000	130@2000
Fuel Consumption (gph)	2.12	1.98	3.18	2.97	2.56	4.24	3.96
Dry Weight lbs. (kg)	492 lbs. (223kg)	608 lbs. (276kg)	562 lbs. (255kg)	730 lbs. (331kg)	873 lbs. (396kg)	642 lbs. (291kg)	873 lbs. (396kg)
EPA Certification	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4	US EPA TIER 4



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