



Conditions:
Calculated from 600 working hours per year
Gasoline price at P45/liter
Engine oil for 4-stroke at P140/liter
Engine oil for 2-stroke at P100/liter
Spark Plug for 4-Stroke at 420
Spark Plug for 2-Stroke at 293
Refer to Honda R & D Thailand Test result

Super Economy

50% less consumption than 2-stroke engine

Sample Comparison between 2-stroke and 4-stroke engines							
FUEL	4-stroke 372 liters/year 2-stroke 642 liters/year	Price of Gasoline - 45 PhP/Liter 4 - stroke - 16,740 pesos 2 - stroke - 28,890 pesos Savings on Fuel - 12,150 pesos	SAVE: P12,150/year				
LUBRICANT	4-stroke 1.62 liters/year	0.0007 liters/hour x 600 hours/year =0.42 liters/year 0.1 liters/1 time x 12 times =1.2 liters/year (1.2 + 0.42) liters/year x 140 PhP/liter =227 PhP/year	VE: 73/year				
	2-stroke 30 liters/year	0.05 liters/hour x 600 hours/year =30 liters/year 30 liters/1 time x 100 PhP/liter = 3,000 PhP/year	SAVE: P2,773/ye				
SPARK PLUG	4-stroke 1 time/year	1 piece/year =420 PhP/piece =420 PhP/year					
	2-stroke 5 times/year	5 pieces/year = 293 PhP/piece =1,465 PhP/year	SAVE: P1,045/year				

SAVE UP TO P15,968 PER YEAR!

		SPECIFICAT	IONS		
Dimension	ns and Weights	UMK435T UEDT		UMK435T U2ST	
	Type	3-blade cutter	Nylon cutter	2-blade cutter	
0. W A.	Diameter	255 mm (10.0 in)	440 mm (17.3 in)	305 mm (12.0 in)	
Cutting attachments	Rpm (max. engine rotating speed)	8,300 rpm	6,800 rpm	5,250 rpm	
Overall length		1,901 mm (74.8 in)	1,870 mm (73.6 in)	1,928 mm (75.9 in)	
Overall width		640 mm (25.2 in)		637 mm (25.1 in)	
Overall height		420 mm (16.5 in)	440 mm (17.3 in)	442 mm (17.4 in)	
Dry Weight (w/o cutting attachment)		7.70 kg (16.98 lbs)		7.47 kg (16.5 lbs)	
Operating weight		8.76 kg (19.31 lbs)	8.61 kg (18.98 lbs)	8.47 kg (18.7 lbs)	
Engine		UMK435	TUEDT	UMK435T U2ST	
Model		GX35T ·			
Description code		GCAMT			
Туре		4 stroke, overhead cam, single cylinder			
	lacement	35.8 cm (2.18 cu-in)			
Bore x stroke		39.0 x 30.0 mm (1.5 x 1.2 in)			
Net power (SAE J1349)*		1.0 kW (1.4 PS) / 7,000 rpm			
Maximum net torque (SAE J 1349)*		1.6 N.m (0.16 kgf.m, 1.2 lbf.ft) / 5,500 rpm			
Compre	ession ratio	8.0:1			
Ignitio	on system	Transistored magneto ignition			
Ignition timing		27° B.T.D.C			
Spark plug		CMR5H (NGK)			
Lubrication system		Pumping spray			
Oil Capacity		0.10 L			
Fuel tank capacity		0.63 L			
Recommended Oil		Honda oil/SAE 10W-30API service classification SE or later			
Cooling system		Forced air			
Starting system		Recoil starter			
Stopping system		Ignition primary circuit ground			
Carburetor		Diaphragm type			
Air cleaner		Semi-dry type			
Fue	el used	Gasolin	e with a pump octane rating	86 or higher	

power rating of the engine indicated in this document is the net power output tested on a production engine model and measured in accordance with SAE J1349 at 7,000 rpm gine Net Power) and at 5,500 rpm (Engine Max. Net Torque). Mass production engines may vary from this value. Actual power output for the engine installed in the final machine vary depending on numerous factors, including the operating speed of the engine in application, environmental conditions, maintenance and other variables.

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