

21.3.4 All 150 models

Carburetor type	MIKUNI TMX 38
Carburetor identification number	TMX 38 83
Needle position	3rd position from top
Jet needle	6BFY43-74 (6BFY44-74, 6BFY44-73, 6BFY43-73)
Main jet	470 (460, 480, 490, 500, 520)
Idling jet	45 (42.5/47.5)
Starting jet	80
Needle jet	S-1
Idle air adjusting screw	
Open	1.5 turns

21.3.5 Basic carburetor setting for sandy surfaces (All 150 models)

Idle air adjusting screw	
Open	1.5 turns
Idling jet	45
Jet needle	6BFY44-73
Needle position	3rd position from top
Main jet	540



Info

If the engine is not running smoothly, use a smaller main jet.

21.3.6 Carburetor tuning (All 150 models)

MIKUNI TMX 38							
M/FT ASL ↓	TEMP →	-20°C ... -7°C	-6°C ... 5°C	6°C ... 15°C	16°C ... 24°C	25°C ... 36°C	37°C ... 49°C
		-2°F ... 20°F	19°F ... 41°F	42°F ... 60°F	61°F ... 78°F	79°F ... 98°F	99°F ... 120°F
3.000 m 10,000 ft ↑ 2.301 m 7,501 ft	ASO IJ NDL POS MJ	1,5 45 43-74 3 470	2 40 43-74 3 460	2 40 44-74 2 460	2 37,5 44-74 2 450	2 37,5 43-74 2 450	
2.300 m 7,500 ft ↑ 1.501 m 5,001 ft	ASO IJ NDL POS MJ	1,5 45 43-74 3 480	1,5 45 43-74 3 470	2 40 43-74 3 460	2 40 44-74 2 460	2 37,5 44-74 2 450	2 37,5 43-74 2 450
1.500 m 5,000 ft ↑ 751 m 2,501 ft	ASO IJ NDL POS MJ	1,5 45 43-73 3 490	1,5 45 43-74 3 480	1,5 45 43-74 3 470	2 40 43-74 3 460	2 40 44-74 2 460	2 37,5 44-74 2 450
750 m 2,500 ft ↑ 301 m 1,001 ft	ASO IJ NDL POS MJ	1,5 45 44-74 3 490	1,5 45 43-73 3 490	1,5 45 43-74 3 480	1,5 45 43-74 3 470	2 40 43-74 3 460	2 40 44-74 2 460
300 m 1,000 ft ↑ 0 m 0 ft	ASO IJ NDL POS MJ	1,5 45 44-73 3 520	1,5 45 44-74 3 490	1,5 45 43-73 3 490	1,5 45 43-74 3 480	1,5 45 43-74 3 470	2 40 43-74 3 460

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M/FT ASL	Sea level
TEMP	Temperature
ASO	Idle air adjusting screw open
IJ	Idling jet
NDL	Needle
POS	Needle position from top
MJ	Main jet



Info

Do not use on sandy terrain.