

# FOUR INSTRUMENTS OF HIGH-SPEED CUTTING PERFORMANCE

TECHNICAL SPECIFICATIONS	CP512-300	CP512-300i	CP514-350	CP514-350i
<b>Product Number</b>	701846 <b>47559</b> 4	701846 <b>47561</b> 7	701846 <b>47563</b> 1	701846 <b>47565</b> 5
<b>Blade Guard Capacity - in (mm)</b>	12" (305)	12" (305)	14" (356)	14" (356)
<b>Maximum Depth of Cut - in (mm)</b>	4" (100)	4" (100)	5" (125)	5" (125)
<b>Arbor Size - in (mm)</b>	.78 (20)	.78 (20)	.78 (20)	.78 (20)
<b>Blade Flange Diameter - in (mm)</b>	3.93 (100)	3.93 (100)	3.93 (100)	3.93 (100)
<b>Blade Shaft RPM</b>	4,500	4,500	4,500	4,500
<b>Blade Shaft Drive</b>	4,450	4,450	4,450	4,450
<b>Blade Shaft Bearings</b>	Heavy Duty Sealed	Heavy Duty Sealed	Heavy Duty Sealed	Heavy Duty Sealed
<b>Blade Shaft Drive</b>	1 Belt	1 Belt	1 Belt	1 Belt
<b>Control</b>	Hand Held	Hand Held	Hand Held	Hand Held
<b>Chassis</b>	Norton Single-Cylinder Two Stroke Engine, Four-Channel Flushing	Norton Single-Cylinder Two Stroke Engine, Four-Channel Flushing	Norton Single-Cylinder Two Stroke Engine, Four-Channel Flushing	Norton Single-Cylinder Two Stroke Engine, Four-Channel Flushing
<b>Power Source</b>	Single Cylinder 2 Cycle	Single Cylinder 2 Cycle w/Smart Lube	Single Cylinder 2 Cycle	Single Cylinder 2 Cycle w/Smart Lube
<b>Motor/Engine Type</b>	Norton Clipper	Norton Clipper	Norton Clipper	Norton Clipper
<b>Specifications</b>	CP512-300	CP512-300i	CP514-350	CP514-350i
<b>Maximum Horsepower<sup>1</sup></b>	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)
<b>Net Horse Power<sup>1</sup></b>	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)	5.36 hp (4.0 kW)
<b>Max. Torque ft lbs (Nm)</b>	3.54 (4.8)	3.54 (4.8)	3.54 (4.8)	3.54 (4.8)
<b>Displacement - cu In (l)</b>	4.94 (81)	4.94 (81)	4.94 (81)	4.94 (81)
<b>Bore - in (mm)</b>	2.04 (52)	2.04 (52)	2.04 (52)	2.04 (52)
<b>Stroke - in (mm)</b>	1.49 (38)	1.49 (38)	1.49 (38)	1.49 (38)
<b>Cylinders/Cycle</b>	Single Cylinder 2 Cycle	Single Cylinder 2 Cycle	Single Cylinder 2 Cycle	Single Cylinder 2 Cycle
<b>Fuel Capacity - gal (l)</b>	0.23 (0.9)	0.23 (0.9)	0.23 (0.9)	0.23 (0.9)
<b>Oil Capacity - oz (l)</b>	-NA-	0.08 (0.32)	-NA-	0.08 (0.32)
<b>Electronically-Controlled Oil Lubrication</b>	-NA-	YES	-NA-	YES
<b>Air Filter</b>	Heavy Duty 2 Stage	Heavy Duty 2 Stage	Heavy Duty 2 Stage	Heavy Duty 2 Stage
<b>Starter</b>	Manual	Manual	Manual	Manual
<b>Engine Cooling</b>	Forced Air	Forced Air	Forced Air	Forced Air
<b>Electronically-Controlled Carburetor With Smart Choke</b>	YES	YES	YES	YES
<b>Sound Level<sup>2,3</sup> L<sub>peg</sub> (EN ISO 19432 Annex B) dB(A)</b>	98	98	98	98
<b>Sound Power Level<sup>2,3</sup> L<sub>weg</sub> (EN ISO 19432 Annex B) dB(A)</b>	108	108	108	108
<b>Weighted Effective Acceleration<sup>2,4</sup> a<sub>hv,eq</sub> (EN ISO 19432 Annex C) Rear Handle / Top Handle m/s<sup>2</sup></b>	4.5 / 6.0	4.5 / 6.0	4.5 / 6.0	4.5 / 6.0
SAW DIMENSIONS				
<b>Height - in (mm)</b>	16.93 (430)	16.93 (430)	16.93 (430)	16.93 (430)
<b>Saw Width - in (mm)</b>	10.52 (267)	10.52 (267)	10.52 (267)	10.52 (267)
<b>Maximum Saw Length (Working) - in (mm)</b>	29.53 (750)	29.53 (750)	30.52 (775)	30.52 (775)
<b>Weight - Uncrated - lbs (kg)</b>	22.26 (10.1)	22.92 (10.4)	22.49 (10.2)	23.15 (10.5)

<sup>1</sup> DATA PROVIDED BY MOTOR/ENGINE MANUFACTURER

<sup>2</sup> IN DETERMINING THE ABOVE VALUES REGARDING ACCELERATION OF VIBRATIONS AND SOUND, THE DIFFERENT OPERATING CONDITIONS WERE WEIGHED IN ACCORDANCE WITH THE CURRENT STANDARDS

<sup>3</sup> INSECURITY K PURS. TO EC DIRECTIVE 2006/42/EC: 2.5 DB(A)

<sup>4</sup> INSECURITY K PURS. TO EC DIRECTIVE 2006/42/EC: 2 M/S<sup>2</sup>



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