

FACTSHEET

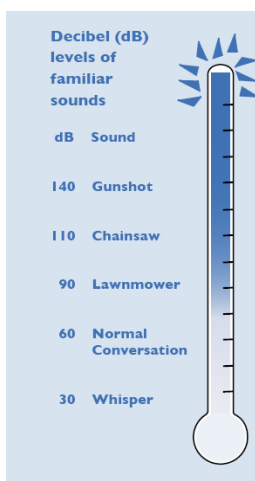
TOOL NOISE LEVELS IN COLLISION SHOPS

How loud are the tools used in collision shops?

Tool	Lowest noise level (dB)	Highest noise level (dB)
air gun	89	105
air knife	98	98
air riveter	94	95
buffer (air)	96	96
buffer (electric)	78	100
chisel	106	108
cut-off wheel	100	109
drill (air)	94	102
grinder	82	109
hammer (air)	89	107
hammer (manual)	86	104
heat gun	79	94
plasma cutter	94	94
ratchet	82	110
reamer	100	100
sander	78	104
saw (air)	98	104
wrench	94	104
wrench (broken)	120	120
wrench (missing muffler)	107	107

How much noise can you be exposed to?

Permissible duration of exposure without hearing protection:



85 dB8 hours

91 dB.....2 hours

94 dB1 hour

100 dB15 min

The duration of exposure per day does not have to be continuous to be harmful!



How do you know if your tools are loud?

Product specification sheet

Here is an example of where you find information on noise level on a product specification sheet.

Model Number		CP726H
Part no		T025114
Description		CP726H
Square drive	in	1/2
Working Torque Range	ft lbs	40-170
Maximum Torque @ 90psi reverse	ft lbs	200
Blows per minute		1680
Free Speed	rpm	8500
Length	in	6
Weight	lb	3.1
Ave. Air consumption	cfm	3
Actual Air consumption @ load cfm	cfm	12
Air inlet thread	in	1/4"NPTF
Min. Hose Size	in	3/8
Sound Level	dB(A)	94
Sound Power	dB(A)	105
Vibration Level	m/s ²	2.5
Comment		



PREVENT HEARING LOSS! WEAR HEARING PROTECTION AT WORK AND AT HOME!

Prevent work-related hearing loss by protecting yourself from loud noise. If noise is loud and lasts long enough or is from high impact, it leads to permanent damage to your hearing. Ringing in the ears can also develop.

Most compressed air tools are loud enough to affect your hearing. You can find the noise levels for different tools on product specification sheets, by asking your tools representative or by checking noise levels yourself. Remember, home and recreational activities are an important source of noise.

Earmuffs and earplugs are available for your protection. Earmuffs cover the entire ear, while earplugs create a seal between the plug and your ear canal. Keep earplugs clean and dry. Choose one with an NRR rating of at least 20.

