

REBAR CUTTING APPLICATION

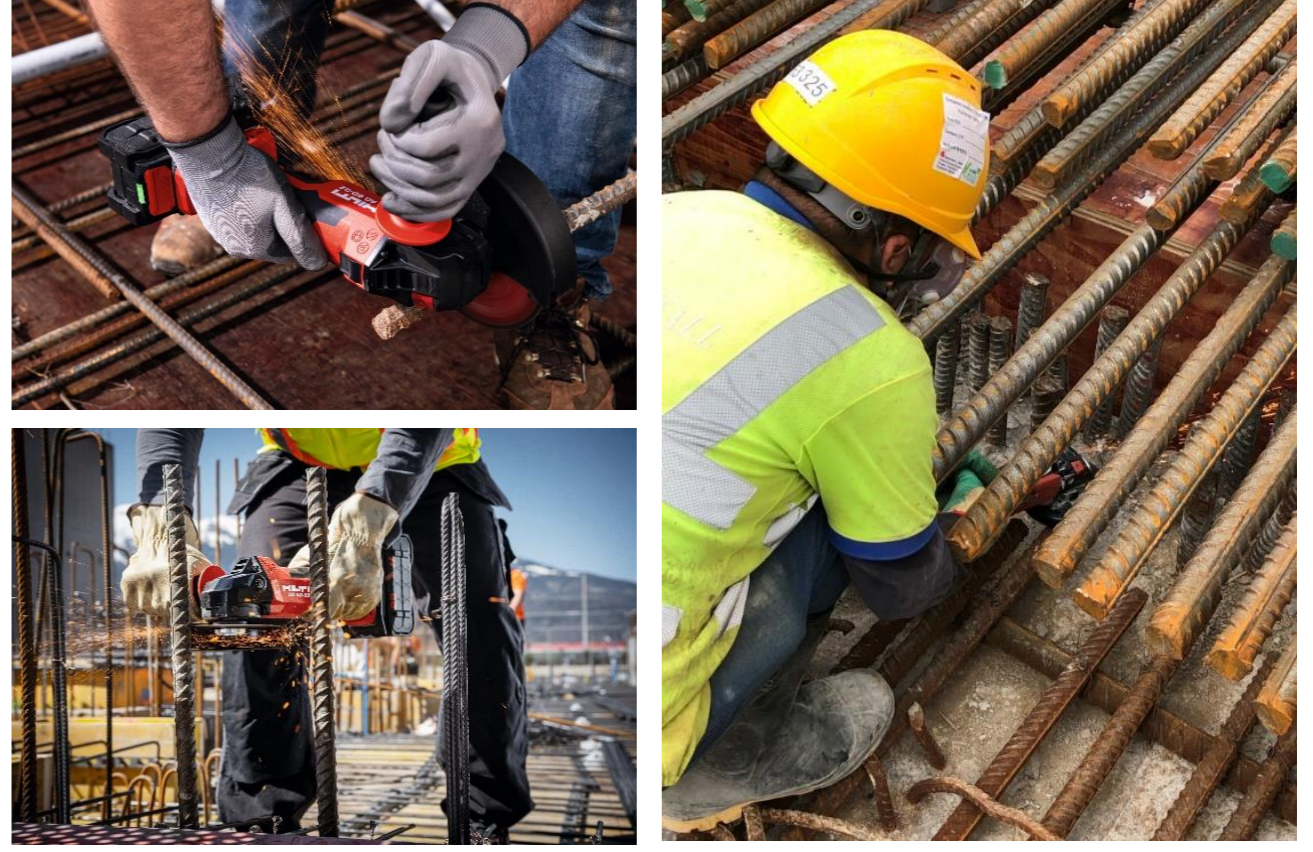
NURON



Rebar cutting occurs during different phases of construction, including formwork preparation, concrete pouring, and post-tensioning. We have different size of rebar and sometimes with different strength. Due to some design reason, we are very common to see rebar cutting in jobsite. Some rebar located in a very narrow space as the result it increase the difficulty to cut the rebar.

In this application, we see the angle grinder will be the first choice to use, because this is the most common cutting tool for metal cutting. **However, there are some limitation to use angle grinder.**

- Sparks
- Cutting disc explosion
- Harmful smoke
- Not easy to approach narrow space
- Difficult to do one cut for big size rebar







Rebar Cutting Application

We want to introduce you one more option for rebar cutting, which is going to use reciprocating saw. **Why we suggest this tool type is because:**

- Less spark with no risk on blade explosion
- The blade can be easy to approach narrow space
- The blade can bend a bit to do flush cut
- The blade can base on rebar size to select the right length.



					
		Angle Grinder	Circular Saw	Rebar Cutter	Reciprocating Saw
PERFORMANCE	Cutting Speed	★★★	★★★★★	★★★★★	★★
	Cutting Finishing	★	★★★★★	★★★★★	★★★
SAFETY	Spark Less Safety	★	★★★	★★★	★★★
	Cutting Vibration	★★	★★★	★★	★★
USER EXPERIENCE	Flexibility	★★★	★★	★★★	★★★★★
	Size Coverage	★	★★	★★	★★★★★
	Narrow Space Coverage	★★★	★★	★★★	★★★★★
INSERT LIFE	Insert Lifetime	★	★★★★★	★★★★★	★★★
	TOTAL SCORE	15	25	25	28

Reciprocating Saw Portfolios

Multiple cutting with high flexibility

COMPACT CLASS

SR 4-22



POWER CLASS

SR 6-22



TECHNICAL DATA	Stroke length	23mm	32mm
	Stroke rate	3,000 strokes/ minute	2,600 strokes/ minute
	Tool body weight	2kg	3.1hk
	Triaxial vibration for cutting board (ah, B)	11.1 m/s ² 2	13 m/s ²
	Key features	<ul style="list-style-type: none"> • Light in weight • Very compact • Design for one hand operate 	<ul style="list-style-type: none"> • Powerful in metal cutting • The benchmark of ergonomics design
	Key benefits	Provide the best experience with low vibration and small grip size	The low vibration and fatigue among the class, compactable for Hilti DRS

SR Blade Product selector

	BEST	BETTER	GOOD
Thin metal	SP Metal TPI 18	P Metal TPI 18	
Medium metal	SP Metal TPI 14	P Metal TPI 14	
Thick metal		SP Metal TPI 10	P Metal TPI 14
Stainless steel	SPX Metal	SPX Universal	
Cast iron			
Non-ferrous metal	P Metal TPI 18	P Universal	
Plastics/ Composites	SPX Universal	SP Universal	P Universal
Drywall/ Plaster	SPX Fiber & Plaster	SPX Universal	
Brick/ Light concrete	SPX Brick	SPX Light Concrete	
Wood	SP Wood	SP Wood Metal	
Nail-embedded wood	SPX Wood Metal		
Demolition	SPX Universal	SP Universal	P Universal
Fire & Rescue		SP Rescue	