

HIPERTROWEL™ – FAST POLISHING OF LARGE CONCRETE FLOORS

As a specialist in polishing concrete floors, you sometimes need a faster polishing method than using a planetary floor grinder. Especially when you're dealing with a really large, unobstructed area, where the surface flatness is already sufficient.

The Husqvarna Hipertrowel™ system is exactly the solution you're looking for. We combine our expertise in concrete floor polishing, our superior diamond tools and advanced driver technology for trowels to create a functional polished concrete floor obtained at the speed of ride-on trowel finishing.



UP
1000
PER



HIPERTROWEL™



Husqvarna®

Production rates can vary significantly depending on the process chosen and the end-result you want to achieve. Also, size of the floor, concrete quality and hardness as well as obstacles on the floor impact productivity.

WHAT TYPE OF PROJECTS ARE SUITABLE?

The Hipertrowel™ method is ideal for industrial floors from 500 m² and up. Both newly poured slabs and older, pre-existing floors can be processed with the Hipertrowel™ system.

HIPERTROWEL™ IS THE IDEAL SOLUTION WHEN

- Time is the most critical parameter
- The surface is 500 m² or more
- There are no obstacles (pillars etc.)
- The floor does not need to be levelled
- No aggregate needs to be exposed
- Wet grinding is not an issue
- A good slurry management system is on site

WHAT END-RESULT CAN YOU PRODUCE?

The Hipertrowel™ system allows you to produce a nicely salt and pepper-looking floor with a satin or glossy finish.

BEFORE:

Trowelled concrete surface



AFTER:

Glossy salt and pepper surface



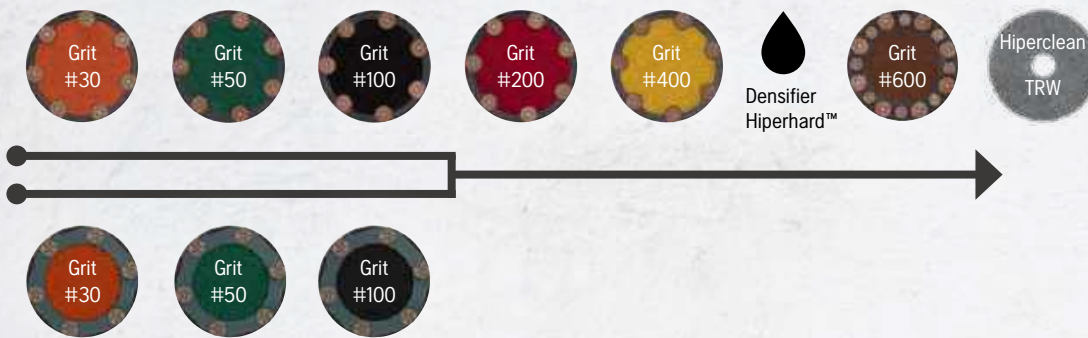
**FAST INDUSTRIAL
CONCRETE POLISHING**

HIPERTROWEL™ SYSTEM - FAST AND EASY CONCRETE POLISHING

HOW DOES IT WORK?

The Hipertrowel™ method is a wet polishing process in six steps (#30G – #600G), and three optional final steps (#800G – #3000G). Depending on the conditions of the floor, initial grinding and grouting with a planetary grinder might be recommended.

WET PROCESS - RESIN STEPS



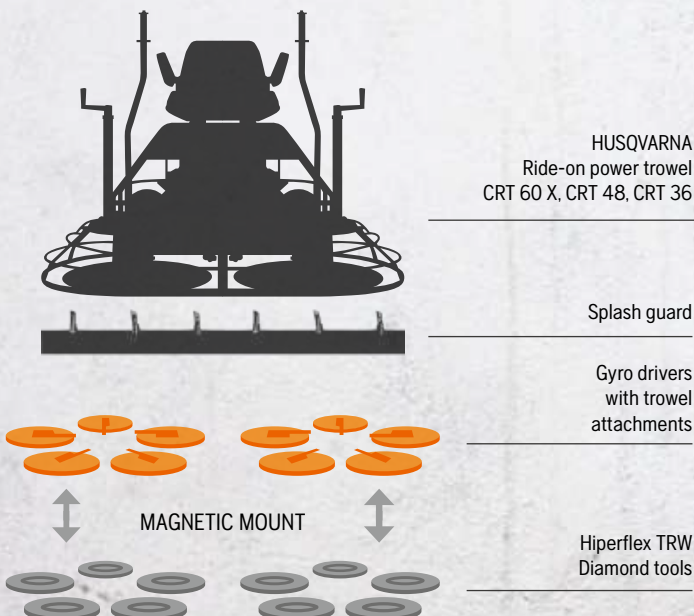
WET PROCESS - LONG LIFE METAL STEPS FOR ABRASIVE FLOORS

TOOLS AND EQUIPMENT

Your Husqvarna retailer will provide you with a complete setup of Hiperflex TRW tool pads, chemicals, Hipertrowel™ gyro drivers and power trowel attachments. You'll also need a ride-on power trowel, a squeegee vacuum to collect the slurry and a water hose connected to a tap. For maintenance, we highly recommend the Husqvarna Hiperclean pad.

- Additional grit sizes are available
- Long-life metal tools as an option for abrasive floors
- To optimize the result, polish with a Hiperclean TRW pad as a final step
- For extra stain protection add Hiperguard™

THE COMPLETE SYSTEM FROM HUSQVARNA



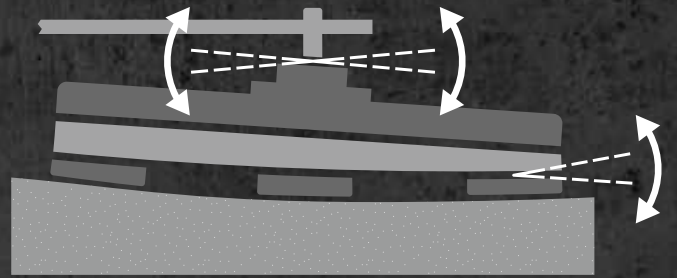
HUSQVARNA Slurry-vac: W 70 P + squeegee kit

YOU'LL ALSO NEED

- Pressurized water tap
- Autoscrubber
- Slurry disposal solution
- Wall protection plastic cover

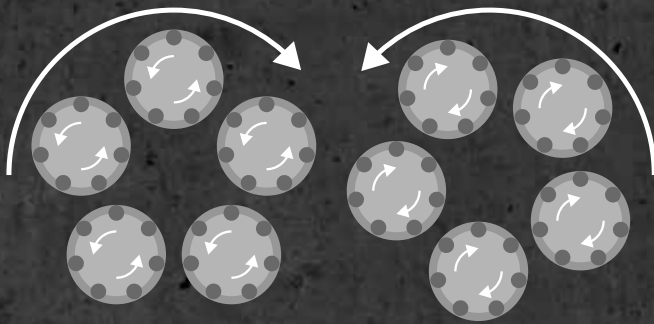
FLEXIBLE GYRO DRIVER TECHNOLOGY FOR EXCELLENT RESULTS

All parts in the Hipertrowel™ system are interacting to secure that the whole floor is evenly polished by the diamond tools at each passage of the machine to create a homogenous finish of the floor.



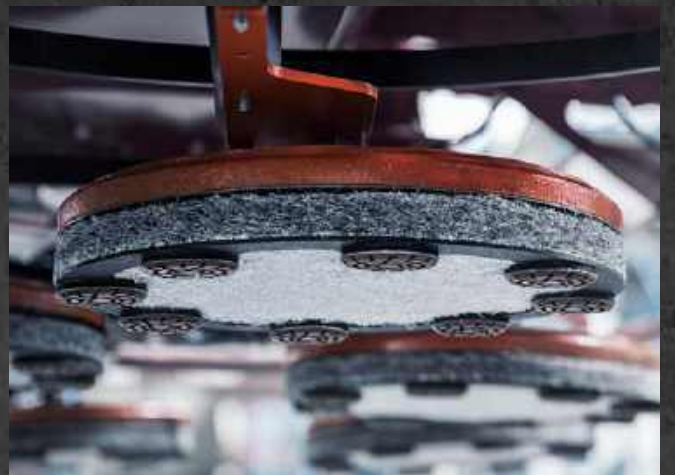
MAXIMUM FLEXIBILITY

Both the Hipertrowel™ gyro driver and Hiperflex TRW tool pads are designed for maximum flexibility in all directions. This allows the diamond tool pucks to follow the floor surface in the high and low spots and create a homogenous salt and pepper finish.



MULTI-ORBITAL ROTATION

The Hipertrowel™ gyro driver has a floating bearing mount that allows it to rotate independently of the trowel rotor. This solution enables a more efficient polishing process with a more consistent scratch pattern.



EVEN TOOL WEAR

The flexible polymer backing ring adjusts to unevenness of a floor and ensures an even wear on the pucks and ultimately a longer life of the tooling.



HASSLE-FREE MAGNETIC MOUNT

The Hiperflex TRW tool pads are easy to mount securely underneath the Hipertrowel™ gyro drivers due to strong magnets connecting the pads to the driver.

OPTIMIZED TOOL DESIGN

The proven technology of the renowned Hiperflex tools has been further developed to fit the demands of a ride-on power trowel. For example, the number and position of the pucks are calculated to ensure optimal results and maximize tool life.

HUSQVARNA HIPERTROWEL™ SYSTEM COMPONENTS



1 Hiperflex TRW #30



2 Hiperflex TRW #50



3 Hiperflex TRW #100



4 Hiperflex TRW #200



5 Hiperflex TRW #400



6 Hiperflex TRW #600



7 Hiperflex TRW LongLife #30



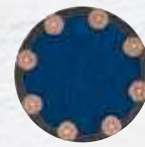
8 Hiperflex TRW LongLife #50



9 Hiperflex TRW LongLife #100



10 Hiperflex TRW #800 – optional step



11 Hiperflex TRW #1500 – optional step



12 Hiperflex TRW #3000 – optional step



13 Hiperflex TRW #3000 – optional step



14 Pad driver 14"



15 Attachment A



16 Attachment B



17 Attachment C



18 Attachment D



19 Hiperhard™



20 Hiperguard™

POWER TROWEL ATTACHMENT CHART

POWER-TROWEL MANUFACTURER	MODEL NUMBERS	ROTOR / PAD DRIVER DIAMETER, INCH	NO OF PAD DRIVERS	GYRO DRIVER ATTACHEMENT
HUSQVARNA	CRT36	36 / 14	8	Attachment A
	CRT36 (Inner bolt hole spacing)	36 / 14	8	Attachment A
	CRT46KHN	46 / 14	8	Attachment B
	CRT4825K	48 / 14	8	Attachment B
	CRT48	48 / 14	10	Attachment B
	CRT48 (Inner bolt hole spacing)	48 / 14	10	Attachment B
	CRT 60 X	59 / 14	12	Attachment D
Atlas Copco	BG740	36 / 14	8	Attachment A
	BG910	46 / 14	10	Attachment B
	BG920	46 / 14	10	Attachment B
Allen	Edgers 900 / MP225 / MP235	36 / 14	8	Attachment A
	Pro 900 n-o / MP205 / MP215	36 / 14	8	Attachment A
	HP100 / HP200 / MP305 / MP315 / Pro 1200 (non-overlap) / SP400 / SP450	46 / 14	8	Attachment B
	HD530 / HDX600 / Pro1200 / MSP415 / 425 / 450 / 455 / 470 / 430 / 435 / 440 / 445 / 460 / SP400B / SP425	46 / 14	10	Attachment B
Wacker Neuson	CRT36	36 / 14	8	Attachment A
	CRT36 (Inner bolt hole spacing)	36 / 14	8	Attachment A
	CRT46KHN	46 / 14	8	Attachment B
	CRT4825K	48 / 14	8	Attachment B
	CRT48	48 / 14	10	Attachment B
	CRT48 (Inner bolt hole spacing)	48 / 14	10	Attachment B
Whitman / Multiquip	JTN / JWN	36 / 14	8	Attachment A
	HTH / HHN / HTX / HHX / HTN	48 / 14	10	Attachment B
	HTN (4-bladed model)	48 / 14	8	Attachment B
	HTXD6i / HTXG6DF / HTX6H	48 / 14	12	Attachment C
	STH / STX	60 / 14	12	Attachment C