



# WIRTGEN AUSTRALIA AND NEW ZEALAND TRAINING PROGRAM



**TRAININGS  
FOR  
CUSTOMERS**

**CLOSE TO OUR CUSTOMERS**

## CONTENT

-----	<b>3</b>	<b>GENERAL</b>
-----	3	Foreword
-----	<b>4</b>	<b>MACHINE TRAININGS</b>
-----	4	Machine operation and maintenance
-----	<b>6</b>	<b>MACHINE APPLICATION TRAININGS</b>
-----	6	Asphalt paving fundamentals
-----	7	Basic compaction principles
-----	8	Basic crushing and screening
-----	<b>9</b>	<b>LEVELLING TRAININGS</b>
-----	9	Level Pro operation
-----	<b>10</b>	<b>OTHER TRAININGS</b>
-----	10	Customer Support systems
-----	12	Combination courses
-----	<b>14</b>	<b>MISCELLANEOUS</b>
-----	14	Information, registration, fees, conditions of participation

# FOREWORD

**MAINTENANCE, OPERATION AND  
LEVELLING TRAININGS - THE ENTIRE  
CONTENTS ARE TAUGHT BY OUR TRAINERS  
IN A VERY CLEAR AND PRACTICAL MANNER.**

Dear customers,

Our training program is primarily aimed at anyone who deals directly with WIRTGEN GROUP machinery and works with them.

We pursue a modular training concept, allowing you to combine different training sessions with one another. A practical summary of the recommended combinations can be found at the end of the brochure.

You are very welcome!  
Your WIRTGEN AUSTRALIA training team

## WHO WE ARE

Using our many years' experience we are able to assist you and explain all the important aspects of WIRTGEN GROUP machinery. We provide you with the best possible framework for getting to know our machines in both an effective and lasting manner.

You will gain the necessary expert knowledge in small groups. In this way we will be able to respond to your individual needs and requirements.





# MACHINE OPERATION AND MAINTENANCE



Combine these trainings with:  
**Specialist application courses**

## LEARNING OBJECTIVES

You will learn how to use the machine safely during operation and will also be given hints and tips to help you load and transport the machine safely.

In addition to learning the basics about controlling and operating the machine, you will also become familiar with all the controls, on-board computers, displays and their allocation, as well as their significance and operation.

You will learn to apply the knowledge you gain safely to both the machine's standard equipment and options equally.

## LEARNING CONTENT

- > Basic operation and control of the machine
- > Functions of the on-board computer, display and all controls
- > Special features and safety instructions on operation, daily maintenance and handling
- > Information on transport and loading
- > Simple diagnosis in the different systems of the machines with on-board tools
- > On-board basic fault diagnostics
- > Prestart and shutdown procedures

## Target group

- > Machine operators
- > Workshop personnel
- > Service technicians

## Prerequisites

- > No preliminary knowledge required

## Training language

- > English (EN)

## Training location

- > All WIRTGEN AUSTRALIA branch locations or customer premises



**WIRTGEN**

Training	Duration
Machine operation and maintenance small milling machines (W 100 F, W 100 CF)	1 day
Machine operation and maintenance large milling machines (W 200, W 210, W 210 XP)	1 day
Machine operation and maintenance large milling machines (W 200 F(i), W 210 Fi)	1 day
Machine operation and maintenance cold recyclers and soil stabilisers (WR 200, WR 240)	1 day

**VÖGELE**

Training	Duration
Machine operation and maintenance asphalt pavers (SUPER series)	1 day
Machine operation and maintenance asphalt pavers (VISION series)	1 day

**HAMM**

Training	Duration
Machine operation and maintenance HD compactline	6 hours
Machine operation and maintenance HD+ large tandem	1 day
Machine operation and maintenance DV+ large tandem	1 day
Machine operation and maintenance HP large pneumatic	1 day
Machine operation and maintenance 3000 series large soil	1 day

**KLEEMANN**

Training	Duration
Machine operation and maintenance jaw crusher	1 day
Machine operation and maintenance cone crusher	1 day
Machine operation and maintenance impact crusher	1 day
Machine operation and maintenance screen	0.5 day

**STREUMASTER**

Training	Duration
Machine operation and maintenance binder spreading agents (SW 10 - 22 MC / TC)	0.5 day

# ASPHALT AND PAVING FUNDAMENTALS



Combine this training with:  
**Machine operation and maintenance**

## LEARNING OBJECTIVES

You will learn the basics of:

- > Asphalt materials
- > The principle of the “floating” screed
- > The relationship between mix and screed
- > Set-up and operation of the screed
- > The overall paving operation

## LEARNING CONTENT

- > Asphalt mix components
- > Various asphalt mixes
- > Floating screed principle
- > Front mount vs. rear mount operation
- > The overall paving operation - best practices

## Target group

- > Machine operators
- > Service technicians

## Prerequisites

- > Basic knowledge about machine operation (preferably carried out machine operation and maintenance training)

## Training language

- > English (EN)

## Training location

- > All WIRTGEN AUSTRALIA branch locations or customer premises



## VÖGELE

### Training

Asphalt and paving fundamentals

### Duration

1 day

# BASIC COMPACTION PRINCIPLES

## LEARNING OBJECTIVES

You will learn the basics of roller selection relative to the task, basic compaction theory and how good operating practices can effect compaction results.

## LEARNING CONTENT

- > Basic compaction principles
- > Machine selection for application
- > Basics of asphalt compaction
- > Best practices, procedures and patterns



## Target group

- > Machine operators
- > Service technicians

## Prerequisites

- > Basic knowledge about machine operation (preferably carried out machine operation and maintenance training)

## Training language

- > English (EN)

## Training location

- > All WIRTGEN AUSTRALIA branch locations or customer premises

## HAMM

Training	Duration
Basic compaction	1 day

# BASIC CRUSHING AND SCREENING

## LEARNING OBJECTIVES

You will learn basic crushing and screening principles to enable you to:

- > Select the correct machine for the application
- > Select the correct crushing tool for the machine
- > Understand the concept of reduction ratio

- > Understand and interpret feed material PSD (product size distribution)
- > Understand the different tests available for evaluating feed material
- > Be able to interpret an AgFlow
- > Use provided “rules of thumb” to assist with plant configuration and settings

## LEARNING CONTENT

- > Basic crushing and screening principles
- > Rules of thumb
- > Particle size distribution
- > AgFlow

### Target group

- > Machine operators
- > Service technicians

### Prerequisites

- > Basic knowledge about machine operation (preferably carried out machine operation and maintenance training)

### Training language

- > English (EN)

### Training location

- > All WIRTGEN AUSTRALIA branch locations or customer premises



KLEEMANN	
Training	Duration
Basic crushing and screening	1 day



# LEVEL PRO OPERATION

Level Pro, LEVEL PRO **PLUS**, LEVEL PRO **ACTIVE**

## LEARNING OBJECTIVES

You will learn the basics and operating principles of the levelling equipment of WIRTGEN machines.

You will become familiar with the most important sensors, controllers and actuators and use these at the right time. You will also master navigation within the menu structure.

You will operate the WIRTGEN machines' levelling equipment and use this in various applications.

## LEARNING CONTENT

- > Basics and functional principles of levelling
- > Functional principle and application recommendations for levelling sensors
- > Basics of controllers and actuator systems
- > Level Pro menu system
- > Practical exercises for setting up the individual sensors

Combine this training with:  
**Machine operation and maintenance**



## Target group

- > Machine operators
- > Workshop personnel
- > Service technicians

## Prerequisites

- > Basic knowledge about machine operation (preferably carried out machine operation and maintenance training)

## Training language

- > English (EN)

## Training location

- > All WIRTGEN AUSTRALIA branch locations

## WIRTGEN

Training	Duration
Level Pro operation	0.5 day

# CUSTOMER SUPPORT SYSTEMS

## LEARNING OBJECTIVES

After completion of the training you will know how to use the WIRTGEN GROUP portal and the information systems it contains relevant to Customer Support and will have detailed knowledge of the use and the information contained in the respective systems.

You will understand the purpose of the WIRTGEN GROUP documentation system WIDOS and be able to confidently navigate the system, select the correct machine, call up machine documentation and navigate the spare parts catalogue to select and order correct parts and lubricants.

You will be able to open machine-specific electrical and hydraulic diagrams in WIDOS and find information from the diagrams in a targeted way. You will understand the structure of the diagrams and describe the page layout, equipment identification codes, device identification letters and colour codes and know the meaning of the different line types and symbols. You will also know how to follow links of current paths and relays and determine part numbers of cable harnesses and plug connections with WIDOS.

You will learn how to access the WIRTGEN GROUP telematics system WITOS FleetView, and be able to confidently navigate the system to be able to track and manage a fleet of machines in WITOS and call up required information, enter maintenance records and produce reports.

## LEARNING CONTENT

- > WITOS Overview
- > WIDOS overview, correct machine selection, interpretation of schematics/diagrams
- > Parts Shop and Parts Shop Lite overview

### Target group

- > Machine operators
- > Service technicians

### Prerequisites

- > Basic knowledge about machine operation (preferably carried out machine operation and maintenance training)

### Training language

- > English (EN)

### Training location

- > All WIRTGEN AUSTRALIA branch locations

## WIRTGEN GROUP

### Training

Customer Support systems (technical training)

### Duration

1 day



# COMBINATION COURSES



*Is your required training not listed?  
Simply contact us directly and arrange  
an appointment for a personal  
training today - either at any  
WIRTGEN AUSTRALIA branch, onsite  
or at your premises.*

Take advantage of our combination courses where we run courses back to back giving a comprehensive package.

We have secured corporate rates at nearby hotels reducing overnight costs on multiday combination courses. Please advise at time of booking if accommodation is required as we would be delighted to help you select and book a hotel.



## COMBINATION COURSES WIRTGEN

Training	Duration
Machine operation and maintenance and Level Pro operation ( <b>LEVEL PRO PLUS</b> ) for small milling machines (W 100, W 130 F)	1.5 day
Machine operation and maintenance and Level Pro operation (Level Pro) for large milling machines (W 200, W 210, W 210 XP)	1.5 day
Machine operation and maintenance and Level Pro operation ( <b>LEVEL PRO ACTIVE</b> ) for large milling machines (W 200 F(i), W 210 Fi)	1.5 day

## COMBINATION COURSES VÖGELE

Training	Duration
Machine operation and maintenance and asphalt and paving fundamentals for asphalt pavers (SUPER series)	2 days
Machine operation and maintenance and asphalt and paving fundamentals for asphalt pavers (VISION series)	2 days





# INFORMATION, REGISTRATION, FEES, CONDITIONS OF PARTICIPATION



## ENQUIRIES

### For training information and advice contact us via:

Phone: +61 (0) 24777 7000

E-mail: [training.australia@wirtgen-group.com](mailto:training.australia@wirtgen-group.com)

## REGISTRATION

### Please send your training registration:

- > By e-mail to:  
[training.australia@wirtgen-group.com](mailto:training.australia@wirtgen-group.com)

After your registration has been received, you will get a confirmation.

If a registration cannot be considered, WIRTGEN AUSTRALIA will notify you accordingly and, if applicable, inform you about a future event.

This brochure contains an overview of all of the training events offered. If, due to organisational reasons, a training you have booked needs to be delayed, we will inform you of the new date as soon as possible.

## TRAINING LOCATION

The trainings are provided at all WIRTGEN branches throughout Australia and New Zealand, on-site, or at your premises.

## CERTIFICATE

You will receive a certificate of participation as confirmation of your further education.

## FEES

Trainings are charged at \$425.00 per person, per day with a minimum requirement of 3 attendees and a maximum of 10. When there are more than 8 attendees the training fee will be capped at \$3400.00 per day. If the training is requested for on-site or at your premises associated travel costs will be additional and advised at the time of registration. A company purchase order or credit card is accepted as payment.

## CANCELLATION

Trainings can be cancelled free of charge up to ten calendar days prior to start of the respective course.

After this time and/or if the participant does not attend, we will charge the cancellation fee of \$200.00 per person, multiplied by the number of training days.

### Cancellations may only be made by e-mail to the following address:

E-mail: [training.australia@wirtgen-group.com](mailto:training.australia@wirtgen-group.com)

*You can of course send another participant as a replacement in the event that a registered participant is unable to attend. In this case, please inform us about the new participant.*







# WIRTGEN GROUP



**WIRTGEN AUSTRALIA Pty. Ltd.**  
**Head Office**

Lot2, Great Eastern Highway  
(off Apac Way)  
South Guildford WA 6055  
Australia  
T: +61 8 62 79 / 220 0

**WIRTGEN AUSTRALIA Pty. Ltd.**  
**QLD Office**

33 Computer Road  
Yatala QLD 4207  
Australia  
T: +61 7 30 80 / 550 0

**WIRTGEN AUSTRALIA Pty. Ltd.**  
**NZ Office**

10 Oak Rd, Wiri  
Auckland 2104  
New Zealand  
T: +64 9 263 / 730 4

**WIRTGEN AUSTRALIA Pty. Ltd.**  
**NSW Office**

2 - 12 Sommerville Circuit  
Emu Plains NSW 2750  
Australia  
T: +61 2 47 77 / 700 0

**WIRTGEN AUSTRALIA Pty. Ltd.**  
**VIC Office**

130 Williams Road  
Dandenong Sth Victoria 3175  
Australia  
T: +61 3 87 93 / 240 0

► [www.wirtgen-group.com/australia](http://www.wirtgen-group.com/australia)