

Ideal for trade and industry  
 Compact, powerful and economical  
 WIWA Airless and Air Combi Paint Spraying Equipment



# THE NEW PROFIT SERIES

**PROFIT –**  
 portable paint spraying  
 equipment. Flexible in use,  
 the right technology for  
 every application.

For coatings with low to medium viscosities		
Pressure Ratio	Output*	Model
10 : 1	14 (.47)	3010 N/RS
22 : 1	14 (.47)	3022 N/RS
33 : 1	14 (.47)	3033 N/RS
10 : 1	27 (.91)	4210 N/RS
22 : 1	27 (.91)	4222 N/RS
33 : 1	27 (.91)	4233 N/RS

\*in ccm (fl. oz.) per cycle

N = carbon steel

RS = stainless steel

Pails used for pail-mounted versions are only available in N (carbon steel) and R (corrosion resistant) versions



High-pressure filter



## The PROFIT series

With tens of thousands of units being used worldwide, the PROFIT series now offers improved maximum performance.

### Take advantage now!

- **WIWA PROFIT Airless**  
 Sturdy Airless spray equipment for economical coatings application
- **WIWA PROFIT Air Combi**  
 Top quality finishes using the environmentally friendly Air Combi coatings application method



Muffler



Air pressure regulator

COMPACT, POWERFUL AND ECONOMICAL  
WIWA AIRLESS AND AIR COMBI PAINT SPRAYING EQUIPMENT

# THE NEW PROFIT SERIES

Innovative design and high durability are the basis of WIWA's success.

Decades of experience, continual product development in cooperation with leading paint manufacturers and a sturdy design are only a few of the advantages WIWA customers enjoy. Precision in-house manufacturing ensures WIWA quality.

**Proven technology with improved maximum performance!**

**Compact and well-conceived**

Quick assembly due to fewer individual parts.

High-quality construction materials reduce wear and repair costs.

Changing the pressure ratio of the pumps can be achieved by

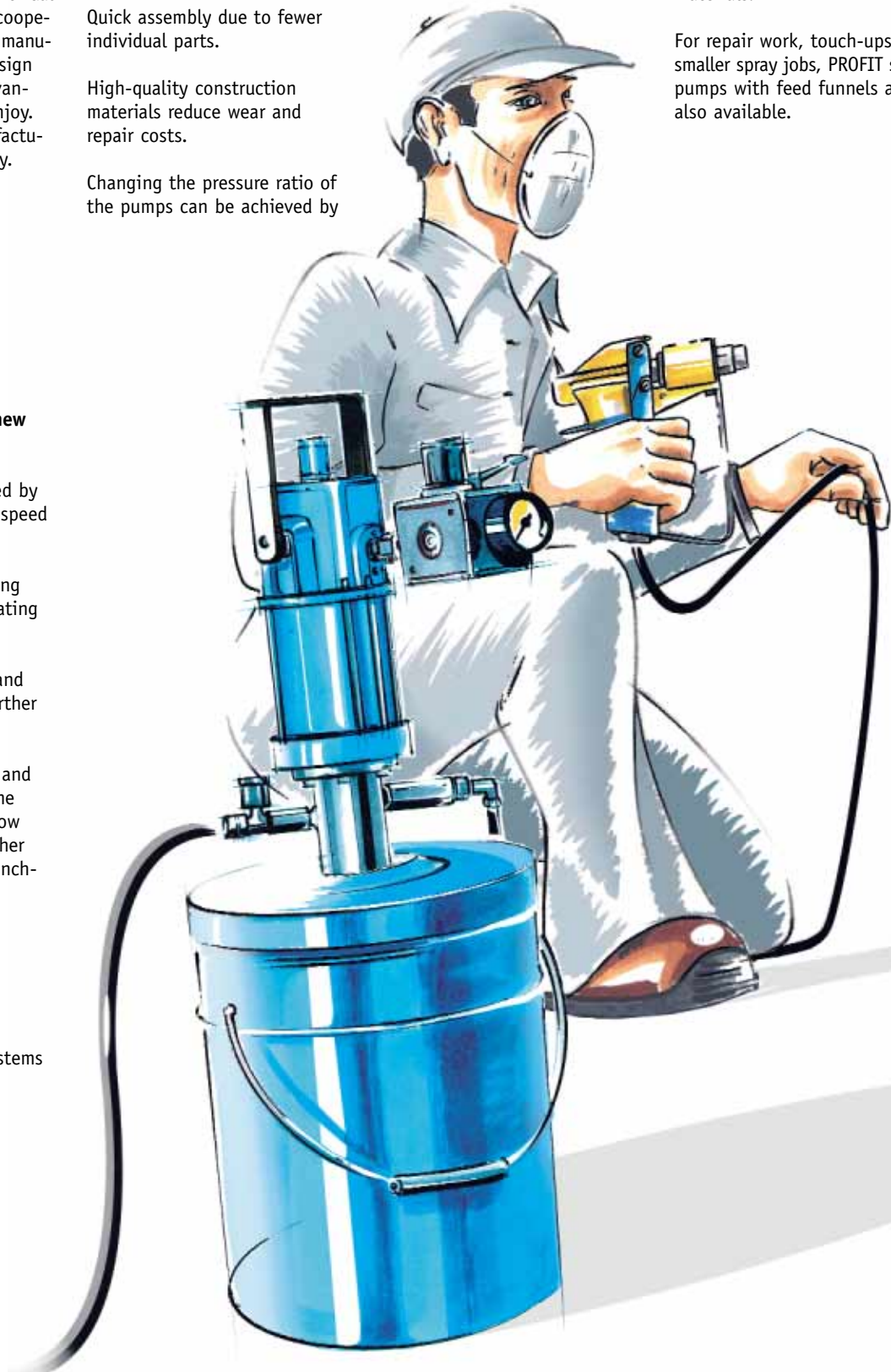
exchanging a few parts, thus lowering investment costs.

All PROFIT series pumps are available in stainless steel versions that are well suited for working with waterborne materials.

For repair work, touch-ups and smaller spray jobs, PROFIT series pumps with feed funnels are also available.

**The advantages of the new PROFIT series:**

- Pulsation is minimized by the high changeover speed of the air motor
- Less wear due to spring supported, self-regulating packing rings
- Heavy duty housing and a new seal system further increase safety
- Quicker maintenance and easier assembly, as the pump housings are now simply screwed together using convenient wrench-flats
- WIWA PROFIT Airless pumps – sturdy and efficient spray technology
- Air Combi coating systems for top quality, even finishes





## Areas of application for PROFIT series painting and finishing equipment

We suggest:	PROFIT Airless Paint Spraying Equipment				PROFIT Air Combi Finishing Equipment					
	3022	3033	4222	4233	3010	3022	3033	4210	4222	4233
Model	3022	3033	4222	4233	3010	3022	3033	4210	4222	4233
Pressure ratio	22:1	33:1	22:1	33:1	10:1	22:1	33:1	10:1	22:1	33:1
Max. free-flow output in l/min. (gal./min.)	3.0 (.79)	3.0 (.79)	4.2 (1.11)	4.2 (1.11)	3.0 (.79)	3.0 (.79)	3.0 (.79)	4.2 (1.11)	4.2 (1.11)	4.2 (1.11)
Output per cycle in ccm (fl. oz.)	14 (.47)	14 (.47)	27 (.91)	27 (.91)	14 (.47)	14 (.47)	14 (.47)	27 (.91)	27 (.91)	27 (.91)

Areas of Application										
Carpentry shops	●	●	●	●	●	●	●	●	●	●
Furniture industry	○	○	●	●	○	○	○	○	○	●
Paint and finishing shops	-	-	○	○	-	-	-	○	○	●
Machine and auto industry	-	-	-	○	-	-	-	○	○	○

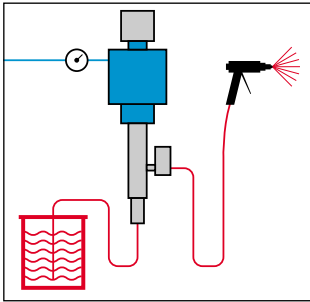
Material to be sprayed										
Oil and grease	○	●	○	●	○	●	●	○	●	●
Thick-coat varnish	-	●	-	●	●	●	●	●	●	●
Primer	○	●	●	●	●	●	●	●	●	●
Sprayable spackle	—	○	-	○	-	-	-	-	-	-
Sprayable paint and lacquer	●	●	●	●	●	●	●	●	●	●
Plural component material	○	○	○	○	-	○	○	-	○	○
Textured paint	-	●	-	●	●	●	●	●	●	●
Hammer-tone paint	-	●	○	●	●	●	●	●	●	●
Water soluble materials	○	●	○	●	●	●	●	●	●	●
Waterborne lacquer	○	○	○	●	●	●	●	●	●	●

● very suitable    ○ suitable    - unsuitable

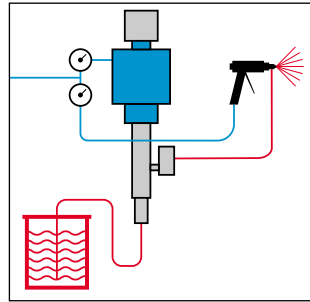
Existing Airless equipment can be easily converted for Air Combi finishing.



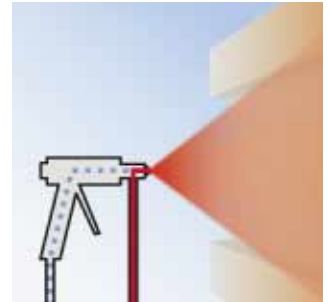
# TENS OF THOUSANDS IN USE – IM



**Airless spray technology** for efficient coverage of large surfaces



**Air Combi finishing method** for top quality finishes



## Airless

### High-pressure spraying

**Economical, environmentally friendly spraying method with high surface area coverage.**

The fluid pump draws coating material from any desired container and transfers it under high pressure to the spray gun.

A specially formed spray tip provides for airless atomization. A high-velocity stream of material is then sprayed onto the object being coated, which insures fantastic surface coverage.

### Airless spray technology

- For efficient coverage of large surfaces
- Superb coverage performance
- High coating thickness in one pass
- Closed, uniform spray pattern
- Explosion-proof due to pneumatic operation
- Minimal solvent use

## Air Combi

### Air-assisted finishing technology

The Air Combi spraying method combines the advantages of the Airless and Conventional spraying techniques.

Under this method, coating material is transferred under moderate pressure to the spray gun and pre-atomized. Through the regulated supply of compressed air to the spray jet, a soft, controllable stream with minimal overspray is produced.

This is ideal for applications requiring fine finishes for complex profiles having small or large surface areas.

### Air Combi finishing method

- Fine finishes for complex profiles and small objects
- Environmentally friendly due to minimal overspray
- High material savings
- Fine atomization insures first-class finishes
- Low operating cost due to minimal air consumption
- Soft, controllable spray pattern



**High-pressure filters** are standard for all PROFIT series pumps



**Dual air pressure regulator** for spraying pressure and air-assisted atomization for Air Combi version pumps

# PROVED MAXIMUM PERFORMANCE



WIWA PROFIT with **pail**



WIWA PROFIT with **feed funnel**



WIWA PROFIT with **wall-mount**



WIWA PROFIT with **tripod**

## Design Features of the PROFIT Series

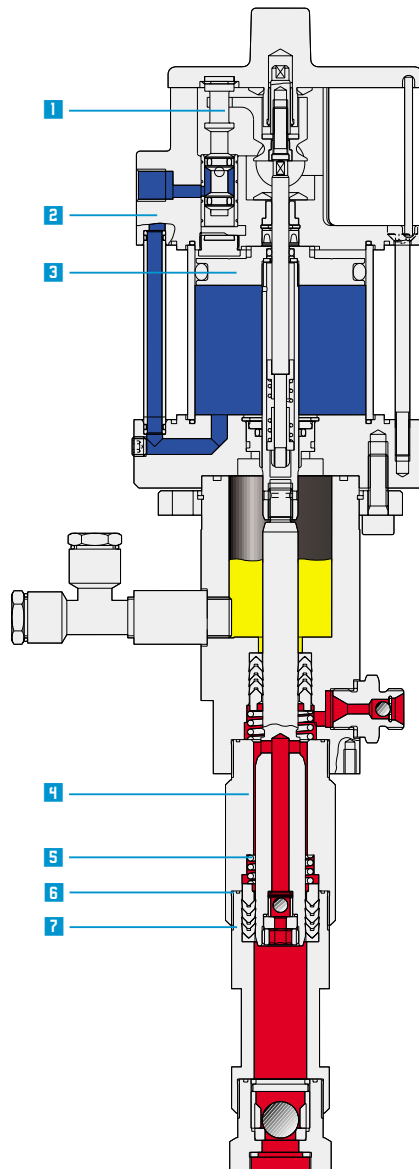
### Air Motor:

- 1** Minimal pulsation due to the air motor's high changeover speed
- 2** Easy to assemble and disassemble due to the small number of components
- 3** Variable performance ratings are possible by changing the diameter of the piston plate in the air motor

### Material Pump:

Less pressure loss, even with high-viscosity materials, due to large bores and extra large fluid passages in the bottom valve.

- 4** Precision guiding ensures simple and exact alignment of parts, as well as less wear and tear
- 5** Better flushing due to large fluid passages and short packing retention springs
- 6** Seals in the threaded connections prevent them from sticking and ease disassembly
- 7** Quick assembly and disassembly, as the main pump housings are simply screwed together



- Maintenance-free, low-noise air motor
- Easy servicing
- Flexible adaptation for different performance requirements
- First-class finishes due to very fine atomization
- Minimal pulsation due to the high changeover speed of the air motor
- Compact and durable
- Less wear due to spring supported, self-regulating packings
- Easy assembly ensures quick maintenance

# THE PROFIT SERIES PRODUCT PALLET

Technical Specifications						
Model	3010	3022	3033	4210	4222	4233
Max. free-flow output in l/min. (US gal./min.)	3.0 (.79)	3.0 (.79)	3.0 (.79)	4.2 (1.11)	4.2 (1.11)	4.2 (1.11)
Pressure ratio	10 : 1	22 : 1	33 : 1	10 : 1	22 : 1	33 : 1
Output per cycle in ccm (fl.oz.)	14 (.47)	14 (.47)	14 (.47)	27 (.91)	27 (.91)	27 (.91)
Max. inbound air pressure in bar (psi)	8 (116)	8 (116)	8 (116)	8 (116)	8 (116)	8 (116)
Max. operating pressure in bar (psi)	80 (1160)	176 (2552)	264 (3828)	80 (1160)	176 (2552)	264 (3828)
Air motor piston plate diameter in mm (inch)	50 (1.97)	70 (2.76)	85 (3.35)	50 (1.97)	70 (2.76)	85 (3.35)
Air motor stroke length in mm (inch)	42 (1.65)	42 (1.65)	42 (1.65)	75 (2.95)	75 (2.95)	75 (2.95)

Version	N	RS	N	RS	N	RS	N	RS	N	RS	N	RS
---------	---	----	---	----	---	----	---	----	---	----	---	----

## PROFIT Airless Spraying Units <sup>1, 2</sup>

Mounted on pail, Order No. <sup>5</sup>	0644260	0644261	0644270	0644271	0644280	0644281	0644290	0644291	0644300	0644301	0644310	0644311
Mounted on tripod, Order No.	0644262	0644263	0644272	0644273	0644282	0644283	0644292	0644293	0644302	0644303	0644312	0644313
Mounted on cart, Order No.	0644264	0644265	0644274	0644275	0644284	0644285	0644294	0644295	0644304	0644305	0644314	0644315
Mounted with feed funnel, Order No.	0644266	0644267	0644276	0644277	0644286	0644287	0644296	0644297	0644306	0644307	0644316	0644317
Wall-mount, Order No.	0644268	0644269	0644278	0644279	0644288	0644289	0644298	0644299	0644308	0644309	0644318	0644319

## PROFIT Air Combi Finishing Units <sup>3, 4</sup>

Mounted on pail, Order No. <sup>5</sup>	0644320	0644321	0644330	0644331	0644340	0644341	0644350	0644351	0644360	0644361	0644370	0644371
Mounted on tripod, Order No.	0644322	0644323	0644332	0644333	0644342	0644343	0644352	0644353	0644362	0644363	0644372	0644373
Mounted on cart, Order No.	0644324	0644325	0644334	0644335	0644344	0644345	0644354	0644355	0644364	0644365	0644374	0644375
Mounted with feed funnel, Order No.	0644326	0644327	0644336	0644337	0644346	0644347	0644356	0644357	0644366	0644367	0644376	0644377
Wall-mount, Order No.	0644328	0644329	0644338	0644339	0644348	0644349	0644358	0644359	0644368	0644369	0644378	0644379

N = carbon steel

R = corrosion resistant

RS = stainless steel

<sup>1</sup> **Spray Accessory Kit No. 01 N+R**, Order No. 0621625

Includes: Airless spray gun WIWA 250 D (with swivel), fluid hose NW6 (1/4") 410 bar (5945 psi) / 7.5 m (24.6 ft) long, standard spray tip 40° - 0.33mm (.013 in.)

<sup>2</sup> **Spray Accessory Kit No. 10 RS**, Order No. 0629957

Includes: Airless spray gun WIWA 500 F, swivel, fluid hose -RS- NW6 (1/4") 410 bar (5945 psi) / 7.5 m (24.6 ft) long, standard spray tip 65° - 0.33mm (.013 in.)

<sup>3</sup> **Air Combi Spray Gun**, Order No. 0632578

Including Air Combi spray tip

<sup>4</sup> **WIWA PROFIT Air Combi**

All Air Combi version pumps include NW6 (1/4") air and fluid hoses

<sup>5</sup> **WIWA PROFIT mounted on pail**

Pail-mounted pumps are only available in carbon steel (N) or corrosion resistant (R) versions

## WIWA SPRAYING TECHNOLOGY AND FLUID PROCESSING

# MADE IN GERMANY

During its 50-year history, **WIWA** has become a solid middle-standing company with a worldwide distribution network. In addition to two facilities in Germany and a combined workforce of ninety employees, WIWA has been able to expand its international presence to five continents.

The experience gained from five decades of constant innovation, the strive to offer the highest quality products while maintaining an economical manufacturing process and the untiring efforts of everyone involved has provided the basis of our fifty year success story.

### "Time stands still for no one"

The wheel of time continues to turn and we cannot afford to rest on our laurels. Only those who keep closely attuned to market developments and remain flexible to change will survive in today's fast paced society. For this reason, WIWA will continue to build upon our 50 years of experience to develop new and better products. The new PROFIT series is one of them.



## WIWA Anniversary Promotion "Old for New"!

The ten oldest WIWA pumps still in operation were exchanged for ten pumps of the newest generation.



A nearly **30-year-old Airless 6000** was traded in for a new PHOENIX series pump.

As part of WIWA's 50th Anniversary Celebration, the oldest WIWA pumps still in operation were sought for and found. At Gruber & Schlager in Orl i. Innkreis (Germany), a famous manufacturer of vintage furniture, we found a 30-year-old (!) WIWA 6000. The pump is still working in their production facility today. WIWA will exhibit this pump in the future in our Lahnau facility to demonstrate the sturdy nature of our products to visitors.



The furniture manufacturer DanKüchen received a new PROFIT series pump for an **over 25-year-old Airless 2000**

We have had Airless equipment from WIWA working in our facility for over three decades. The number of pumps has now reached 50 and they are used in multiple-shift operation. They have proven their dependability in both manual and automatic painting systems. This is an important factor for our quality. We also place great value in competent, service-oriented business partners. These characteristics exemplify the relationship between WIWA and SCHWARZ. We wish WIWA all the best on its 50th Anniversary and continued success in the future.

## DANKÜCHEN

Möbelwerk M. DanKüchen, Schlegelstr. 51, 4110 Godtshausen, Telefon 04141-14000, Fax 04141-14001, E-Mail: dan@dan-kuichen.de

**WIWA**  
Wilhelm Wagner GmbH & Co. KG  
GewerbestraÙe 1-3  
P.O.B. 29  
35631 Lahnau, Germany  
E-mail: info@wiwa.de  
Internet: http://www.wiwa.de  
Telephone +49 (64 41) 6 09-0  
Telefax +49 (64 41) 6 09-50/-58

# FAST PER FAX

Experience and versatility are the basis of success.

50 years of experience in the field of spray technology, coatings and fluid handling, as well as excellent service, ensure overall security for WIWA's customers.

Continuous development and the extensive know-how of WIWA's qualified employees make the versatility of the WIWA program possible.

**Get to know WIWA's wide range of products:**

- WIWA PHOENIX – the new series for trade and industry with maximum performance and minimum costs
- WIWA SUPER – well-known for its ruggedness and durability
- WIWA PROFESSIONAL – the new series for heavy corrosion protection with an especially diverse program for all sorts of industrial coatings
- WIWA HERKULES – the new high-performance series for heavy corrosion protection and the marine industries

- WIWA DUOMIX 140/230 – compact and versatile plural component spraying systems for paint or foam applications
- WIWA DUOMIX 300/333 – reliable, high-performance plural component spraying equipment in use worldwide for heavy corrosion protection applications
- WIWA AIR COMBI – for extremely fine finishes using the environmentally friendly Air-Combi technology
- WIWA Hot Job spraying equipment – fast curing, fantastic surfaces
- WIWA ZINC SILICATE – special airless spraying equipment for water – or solvent-based zinc silicate coatings
- WIWA Extrusion Pumps
- WIWA Injection equipment for structural preservation
- WIWA Low Pressure Pumps for the handling of all materials capable of flowing
- Specially designed equipment based on each customer's specific needs

**Name** \_\_\_\_\_

**Company** \_\_\_\_\_

**Street** \_\_\_\_\_

**Postal Code/Town** \_\_\_\_\_

**Phone** \_\_\_\_\_

**Fax** \_\_\_\_\_

**E-mail** \_\_\_\_\_

**Date** \_\_\_\_\_

**I am interested in WIWA products. I request:**

- Information on the equipment marked at the left.
- Your complete catalog.
- An appointment for a personal consultation.
- Information on equipment suited for my application(s):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

We would be pleased to provide you with a detailed offer covering all WIWA equipment and related accessories.

Your local distributor is: