DUPLEX MIXER

THE MIXING MASTER

OVER 45 YEARS OF CONCRETE MIXING TECHNOLOGY BY FLIEGL

Fliegl
BAU- & KOMMUNALTECHNIK

09/26

MASTERFULLY MIXED

**For over 45 years, of concrete batching technology by Fliegl.
A success story.**

A Milestone

For over 45 years, Fliegl has stood for expertise, innovation, and practical solutions in mixing technology.
This expertise is also built into Fliegl Duplex Mixers: powerful, reliable, and designed for everyday use. The proven Duplex mixing principle ensures homogeneous results and efficient workflows – mixing technology to rely on.

A story of innovation, courage, hard work, and perseverance.

For over half a century, the Fliegl name has stood for quality, reliability, and a pioneering spirit in vehicle manufacturing. What began as a small family business in 1975 has grown into a globally trusted partner for agriculture and transportation logistics.

Martin Fliegl – Sales Director Fliegl Bau- und Kommunaltechnik

Fliegl Bau- und Kommunaltechnik (Fliegl Construction and Municipal Technology) develops and manufactures high-performance vehicle solutions for professional use in construction and municipal applications. Together with Fliegl Agrartechnik (Fliegl Agricultural Technology) and Fliegl Dosiertechnik (Fliegl Dosing Technology), Fliegl Bau- und Kommunaltechnik (Fliegl Construction and Municipal Technology) is based at the company's 30-hectare site in Mühldorf. Around 450 employees work here with state-of-the-art manufacturing technologies to develop innovative and practical solutions. For more than 45 years, we have been producing thermal push-off systems, water tanks, dump trucks, and

Ingeniously simple and extremely efficient

THE FLIEGL MIXING MASTER

Whether concrete, mortar, screed, or specialty mixes – Fliegl Duplex Mixers deliver homogeneous results, short mixing times, and efficient workflows. The proven Duplex mixing principle ensures particularly gentle and uniform material processing while reducing wear and energy consumption at the same time.

A robust design, well-thought-out details, and versatile applications make the Mixing Masters reliable partners for construction companies, municipalities, and industrial applications. Designed to meet the highest demands, built for the rigors of everyday construction sites, and engineered for long-term cost-effective operation.

With Fliegl Bau- und Kommunaltechnik, you are choosing mixing technology that delivers performance, durability, and efficiency – day after day, job site after job site.

OVERVIEW OF AVAILABLE MODELS

The right mixer for every application

DK – for tipping

The mixing bucket is tilted forward for loading to pick up the material.

Advantage: Simple, robust system with less hydraulics.

Ideal for: Users who value a simple and cost-effective solution.

DFA – with automatic filling

The front opening of the mixing bucket is hydraulically operated. The operator simply drives into the material pile, hydraulically closes the bucket, and starts the mixing process immediately.

Advantage: Greater operator comfort and faster, more convenient loading.

Ideal for: Smaller wheel loaders and confined spaces.

DK
DUPLEX MIXER

Robust, reliable, and focused on the essentials – the Mixing Master DK combines the proven Fliegl Duplex mixing principle with simple tipping for loading. Its robust and well-designed construction ensures high reliability, making the DK a cost-effective solution for everyday use on the construction site.

Why the DK?

Less hydraulics – more robustness: Reduced to the essentials, the Duplex Mixer DK features a simple tipping loading system and requires fewer hydraulic components. This makes it particularly robust, low-maintenance, and reliable – ideal for daily use under demanding conditions.

Filling / opening the mixing bucket by simply tilting It forward

The advantages of the DK at a glance*

- reduced Wear and Operating Costs
- shorter Mixing Times
- lower Oil Consumption
- wheel Loader Operation at Lower Engine Speeds
- lower Fuel Consumption and Wear on the Wheel Loader
- rasy Cleaning
- suitable for Mixing Recycled Materials and Coarser Aggregates

*Compared to conventional mixing buckets

Technical Data	400 DK	600 DK	1400 DK
approx. Container Capacity in l	750	1100	2000
max. Filling Capacity/Usable Volume* in l	400	600	1400
approx. Weight in kg	720	1100	1940
min. Lifting Capacity in t	1.8	2.6	5.5
wheel Loader Operating Weight in t	till 5.6	from 5.7	from 11
approx. Width in m	1.60	1.90	2.70
mixing Container Diameter in mm	2 x 900	2 x 1100	2 x 1500
required Oil Flow Rate in l/min	38	45	90
max. Operating Pressure in bar	180	180	180

*Depending on the material and consistency – approx. 15–20% less for earth-moist material

Equipment	400 DK	600 DK	1400 DK
pressure Relief Valve (DBV)	Optional	Standaard	Standaard
bolted Wheel Loader Attachment	Optional	Optional	Optional
discharge via Chutes on Both Sides	Standaard	Standaard	Standaard
drive by	chain drive	heavy-duty transfer gearbox	

Powerful, versatile, and designed for efficient workflows – the Fliegl Mixing Master DFA combines the proven Fliegl Duplex mixing principle with a convenient automatic filling system. Automatic filling simplifies the workflow and makes the DFA a powerful solution for professional use on construction sites. Especially in confined spaces, the DFA is the ideal partner.

Why the DFA?

Automatic Filling – Cleverly Automated: The hydraulically operated loading bucket opens and closes automatically. The operator simply drives into the material pile, closes the bucket hydraulically, and starts the mixing process immediately. The large front opening allows the material to be discharged directly. Ideal for frequent mixing operations and maximum productivity.

MIXING MASTER DFA

The advantages of the DFA at a glance*

- fast discharge via discharge chute and front opening
- easy loading in confined spaces and with smaller wheel loaders thanks to the automatic filling system
- reduced wear and operating costs
- shorter mixing times
- lower oil consumption
- wheel loader operation at lower engine speeds
- lower fuel consumption and wear on the wheel loader
- easy cleaning
- suitable for mixing recycled materials and coarser aggregates

*Compared to conventional mixing buckets

Technical Data	400 DFA	600 DFA	1000 DFA
approx. Container Capacity in l	750	1100	1450
max. Filling Capacity/Usable Volume* in l	400	600	1000
approx. Weight in kg	740	1150	1640
min. Lifting Capacity in t	1,8	2,6	4
wheel Loader Operating Weight in t	bis 5.6	ab 5.7	ab 8.5
approx. Width in m	1.60	1.90	2.30
mixing Container Diameter in mm	2 x 900	2 x 1100	2 x 1250
required Oil Flow Rate in l/min	38	45	65
electric changeover valve	12 V	12 V	24 V
max. operating pressure in bar	180	180	180

*Depending on the material and consistency – approx. 15–20% less for earth-moist material

Equipment	400 DFA	600 DFA	1000 DFA
pressure Relief Valve (DBV)	Optional	Standaard	Standaard
forklift Attachment	Standaard	Standaard	Standaard
bolted Wheel Loader Attachment	Optional	Optional	Optional
discharge via Chutes on Both Sides	Standaard	Standaard	Standaard
front Discharge Option	Standaard	Standaard	Standaard
drive by	–	heavy-duty transfer gearbox	

Forklift attachment on all duplex mixers
(Standaard)

Bolt-on brackets for attaching wheel loader mounts 400 & 600 l
(Standaard)

Bolt-on bracket made of two heavy-duty horizontal rectangular tubes 1000 – 1400 l
(Standaard)

Bolted base bracket for on-site installation of individual wheel loader mounts 400 & 600 l
(Optional)

XL base bracket for on-site installation of individual wheel loader mounts 1000 & 1400 l
(Optional)

ISO quick-change attachment type M 400 & 600 l
(Optional)

ISO quick-change attachment type XL 1000 & 1400 l
(Optional)

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