

Mr60-65-75-85-100 B

Mr60-65-75-85-100 B
**Not just a scrubbing machine,
but a new business model!**

**AFFORDABLE
cleaning**



Mr60 B



Mr65-75-85 B



Mr100 B

Mr60-65-75-85-100 B

The concepts

With Mr60-65-75-85 B clean 1 sq/m floor for only 1 penny!



Investimento iniziale: L'ESSENZIALE

Standard equipment: THE ESSENTIAL

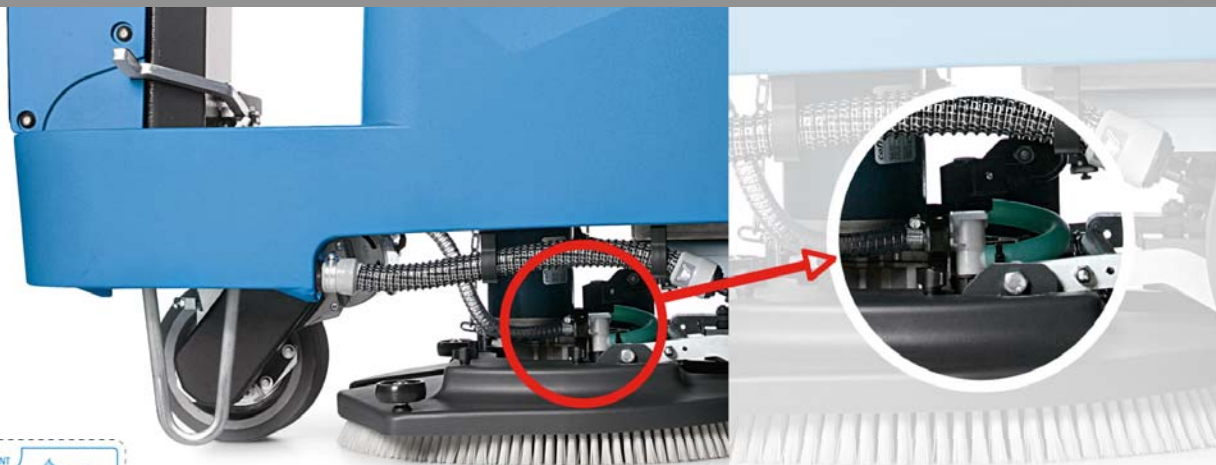


- High performance ride on with “Eco ON/OFF” system (Auto brush stop - Auto water stop)
- High efficiency on-board battery charger
- Low consumption traction motor with extra power ramps device

Mr60-65-75-85-100 B

The concepts

Standard equipment: THE ESSENTIAL



FWF,
FimapWaterFlow:
Even water flow to
both brushes.
Reduced water
consumption.

System with calibrated discs from 2,5 to 4,5 mm

WATER MANAGEMENT

	55	1,50h
	42	2,30h
	25	4,10h

Perforata a rete
Water Flow
Control di acqua
Disci di acciaio
WaterManagement

Autonomia
Autonomia
Autonomia



Mr60-65-75-85-100 B

The concepts

Standard equipment: **THE ESSENTIAL**



Only 58 dB (A)

Shhh... "Cleaning doesn't have to be noisy!"

* dB (A) ISO3744 at 1,5 m

Mr60-65-75-85-100 B

User-friendly

Standard equipment: THE ESSENTIAL

Easy water refill



Hose fill option offers spill free control

Solution indicator



Highly visible, easy to read and no electrics

Comfortable



Standard, large, ergonomic and comfortable seat. More comfort for longer cleaning

Mr60-65-75-85-100 B

Maximum Safety

Standard equipment: THE ESSENTIAL

Low centre of gravity



Powerful and safe to use on ramps with gradients up to 18%



Wheels



Standard fit anti-skid and non-marking wheels with a foot brake system for safety on slopes

Mr60-65-75-85-100 B

Innovations

VARIABLE DECK

Easily adjustable working width
from 65 to 85 cm



Variable working width.
Specific brush cover

Mr60-65-75-85-100 B

User-friendly

Operating procedures: THE ESSENTIAL

Mr B.
Ready to use
without training



Ready to use without training

Mr60-65-75-85-100 B

User-friendly

Operating procedures: THE ESSENTIAL



Easy to use
mechanical
lift/lower system.

Right; Brush deck
Left; Squeegee

Mr60-65-75-85-100 B

User-friendly

Operating procedures: THE ESSENTIAL

Forward and backwards movement

Water flow

Service and parking brake



User-friendly
and **no electronics**

Easy water
flow regulation

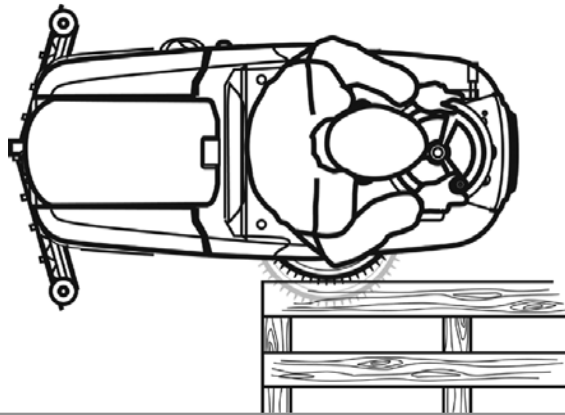
Easy to operate

Mr60-65-75-85-100 B

User-friendly

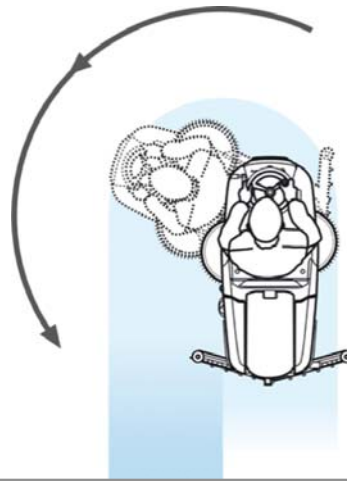
Operating procedures: THE ESSENTIAL

Cleaning
along walls



Perfect cleaning along
walls without any manual
operations

Maximum
manoeuvrability



Turning circle
under two meters

Reduced dimensions



Mr60 occupies the same
footprint as a walk-behind
machine but with **TWICE** the
productivity

Operating procedures: THE ESSENTIAL

Shock proof

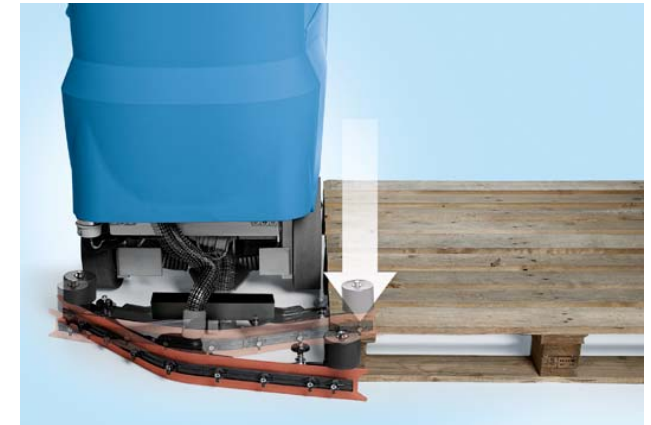
Break Away



Squeegee with double swinging movement to dry also on very narrow bends



Automatic 'swing-in' of the brush head when accidentally impacted



Automatic squeegee uncoupling when accidentally impacted

Mr60-65-75-85-100 B

Soft Maintenance REDUCED

Maintenance: THE ESSENTIAL



Tank cleaning



Recovery tank discharge
easy to access



Solution tank discharge
easy to access

Suction filter cleaning



Vacuum filter easy to
access, clean and replace

Mr60-65-75-85-100 B

Soft Maintenance REDUCED

Maintenance: THE ESSENTIAL



Tank Hygiene



Easy to access, easy to clean

Squeegee cleaning



Squeegee blades have four workable edges



NO tool requirement for squeegee maintenance

Squeegee made completely of nylon reinforced with fibres.
Rubbers in polyurethane are available (4 times more resistant)

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Soft Maintenance REDUCED

Maintenance: THE ESSENTIAL



Battery charging



Easy battery charging thanks to built-in battery charger option

Mr60-65-75-85-100 B

Mr60-65-75-85-100 B dimensions

Tank capacity

Solution: 110 litres

Recovery: 125 litres



Standard equipment	Mr60 B	Mr 65-75-85 B
Water and detergent management		
FSS (Fimap Solution Saver)	•	•
FWF (Fimap Solution Saver)	-	•
Eco ON/OFF System	•	•
Fast water filling with drip stop	•	•
Water level indicator	•	•
Scrubbing performance		
Ramp climbing capacity	•	•
Variable scrubbing head	-	• (Mr65-75-85 B) / - (Mr100 B)
Polyurethane rubber bars re-usable on 4 sides	•	•
Comfort		
FNC (Fimap Noise Cancelling)	•	•
Fully sanitizable tanks	•	•
Step-through access	•	•
On-board battery charger	optional	optional
Hour meter	•	•
Battery charge level	•	•
Safety		
Anti-skid and non-marking front drive wheel	•	•
Anti-skid and non-marking rear wheels	•	•
Mechanical service and parking brakes	•	•
Flasher	optional	optional
Squeegee with shock-resistant coupling (BRAKE AWAY)	•	•
Scrubbing head with impact-elicited swinging in (SHOCK PROOF)	•	•
Dead man's switch	•	•
Horn	•	•

Mr60-65-75-85-100 B

Market positioning



Mr60 B Segment> Pedestrian machine 24 V



Productivity

- Greater working capacity
- Larger tank capacity
- Longer working time
- Mechanical design reduces maintenance time
- Controls designed for ease of use (No specialized user)
- Better manoeuvrability from front wheel drive and steering
- Affordable price

Ecology

- Fimap Energy Saver; using 30% less power
- Fimap Solution Saver; water and detergent saving up to 50%



Ergonomics



- Fimap Noise Cancelling; 58 dB (A)

RESULT

Unsurpassable square meter cleaning costs

Mr60-65-75-85-100 B

Market positioning



Mr65-75-85-100 B

Segment > Ride on machine 24 V 70/100L

Productivity

- Increased working time
- Mechanical design reduces maintenance time
- Controls designed for easy of use (No specialized user)
- Specific pressure up to 40 g/cm^q = high scrubbing capacity
- Affordable price

Compact

- Excellent performances with reduced dimensions
- Great autonomy thanks to tanks capacity

Ecology

- No energy waste
- Water and detergent saving up to 50%
- Reduced consumptions thanks to FES technology

Silent

Ergonomics



More flexibility, easier to adjust, greater productivity, **affordable**

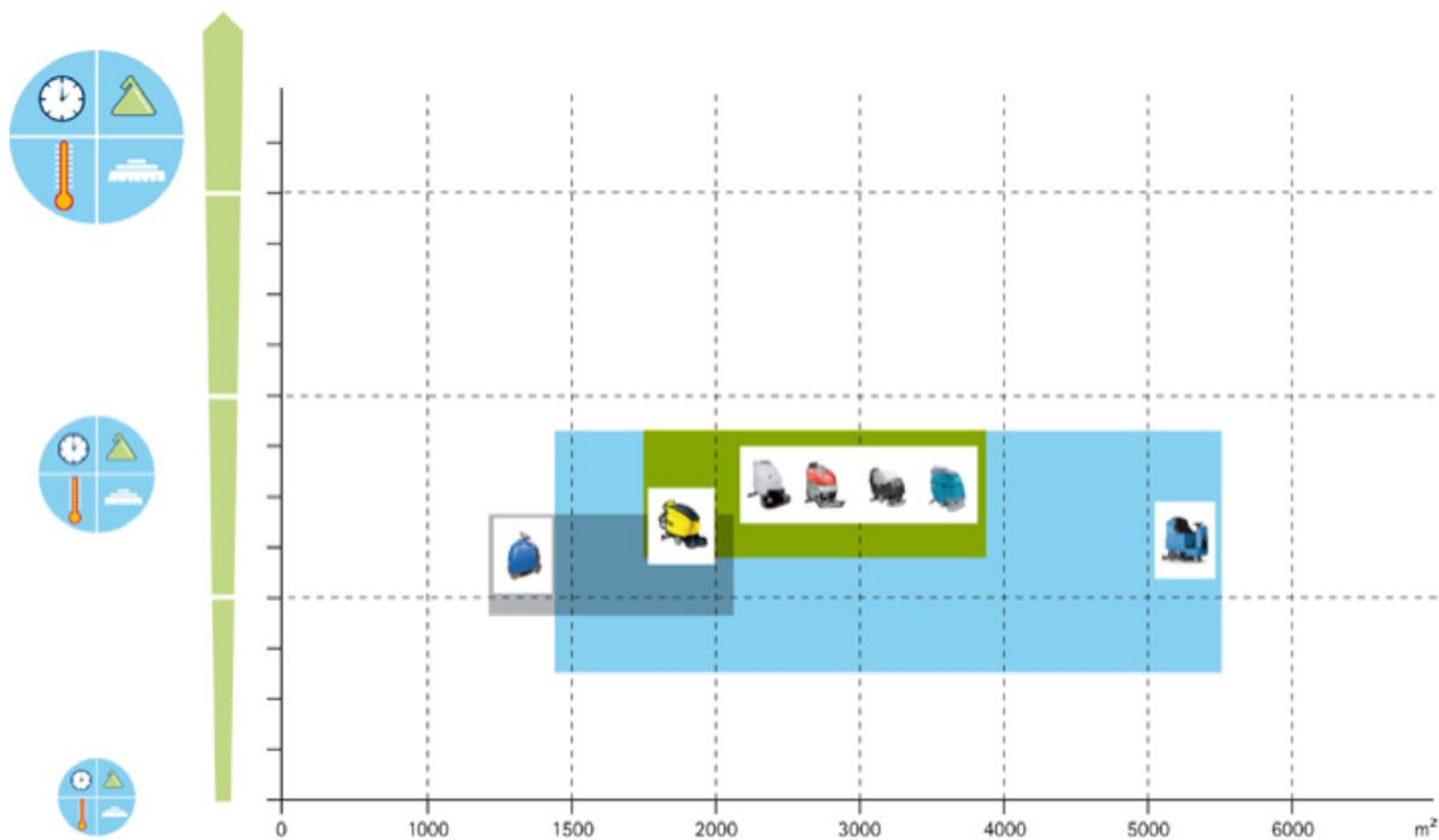
Mr60-65-75-85-100 B

Product Comparison

								
TECHNICAL DATA		Mr60 B	NILFISK BA 651	TENNANT T5	HAKO B 90	KARCHER BD 55-60 W Bp	IPC CT 90 BT 60	WINDSOR I-20
Acoustic level	dB(A)	58	58	67	-	72	-	-
Working width	cm	61	66	60	65	55	61,4	51
Brushes Ø (N.)	mm	610 (1)	2x330	2x	2x 330	2x300	2x ??	51 (1)
Supply	V	24	24	24	24	24	24	36
Solution tank	l	110	85	85	85	60 T-in-T	85	38
Recovery tank	l	125	85	102	85	60 T-in-T	90	38
Working capacity up to	Sq.m /h	3660	3700/2200	2700/1375	3200	2475	2579	2000
Machine dimensions (L x h x w)	mm	1495x1320x680	1500x1050x600	1350x1120x650	1600x1150x ??	1345x1165x630	1328x1025 x680	1200x1316x594
Weight (without batteries)	kg	223	170	143	213	235	97,6	200
Squeegee width	mm	780	890	910	950 (1100)	850	816	691
Brush rpm	rpm	170	220	-	185	180	-	180
Brush pressure	kg	30	32/52	18	-	30 g/cm ²	-	22
Brush motor	V/W	24/450	2x400	2x550	2x720	2x600	-	209
Traction motor	V/W	24/400	24/200	-	24/300	24/200	-	157
Type of drive		Aut.	Aut.	Aut.	Aut.	Aut.	Aut.	Aut.
Turning diameter	mm	1910	-	-	-	-	-	1300
Forward speed	km/h	6	5,6	2,5	5	-	4,5	4,3
Max gradient at full load	%	fino a 18	-	8	-	-	-	10
Suction motor	V/W	24/310	24/420	-	-	500	-	470
Suction vacuum	mbar	160	140	-	162	115	-	-
Batteries (N.)	V/A	6/210 (4) 12/150 (2)	-	-	6/180(C5)	6/ ??	-	12/130 (3)
Batteries weight	kg	136	130	130	-	-	-	120
Total power	W	1650	2040	-	-	1500	2000	1080

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Performance Comparison

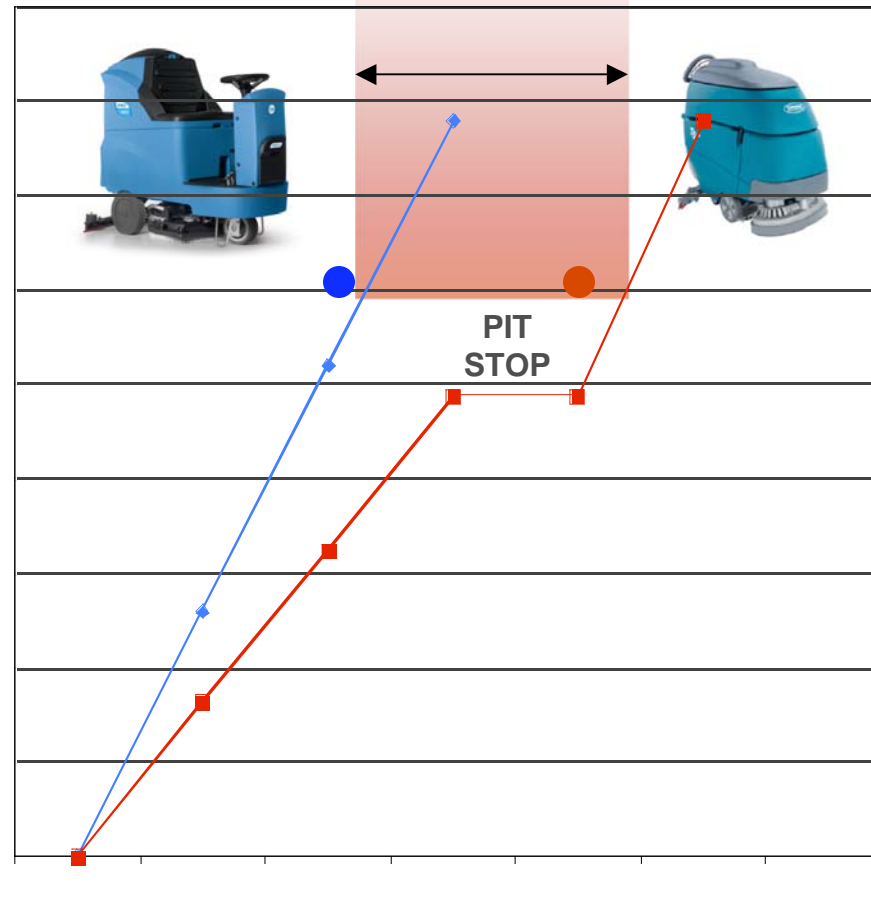


Mr60-65-75-85-100 B

Comparison

Time saved:
57 minutes per cleaning operation

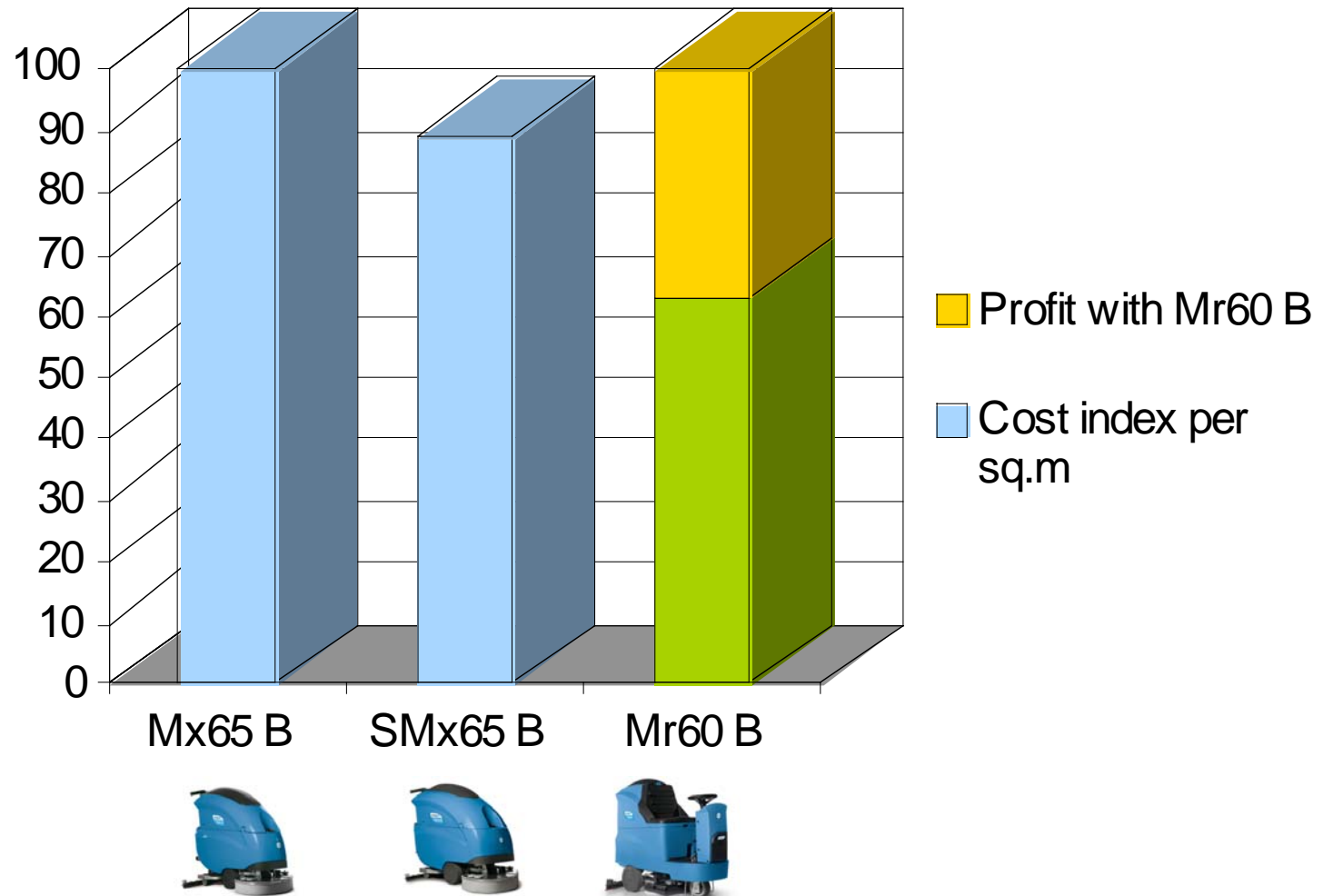
m²/h



Cleaning comparison based on 3.000 m² versus a standard walk behind

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Cost per sq.m to clean



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