



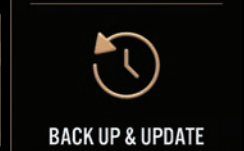
PRODUCTS & PARTS 2023-24

KEGEL INTRODUCES ATLAS

THE WORLD'S FIRST SMART LANE MACHINE



Atlas, the world's first Smart Lane Machine, will transform the relationship between machine owners and their lane machines forever. The subtle allure of the Atlas Lane Machine is a tremendous contrast to the power that lives inside. A small custom-built control board, carefully constructed and adapted specifically for lane machines, opened the door for these machines to join Kegel's budding Smart Ecosystem. The one-of-a-kind Smart Lane Machine Operating System has broken the mold to achieve never-before-seen functionality, communicating seamlessly with an array of Kegel systems. The simplicity, mechanical improvements, and new user interface leverage these newfound capabilities, allowing the user an experience beyond compare. Atlas has arrived and this is only the beginning.



What is a Smart Lane Machine?

A smart lane machine integrates the computer of the machine with communication technology to advance its capabilities. This smart technology allows systems inside and outside of the lane machine to share information and work together to offer more enhanced functionality to the user. Get ready to experience the power of connection.

SMART FEATURES

- Kegel Smart ID User Integration
- Compatible with Smart Link Desktop Application
- Remote access for technicians to view diagnostic information
- Automatic software updates (optional)
- Powered by Kegel Cloud Servers
- Onboard backups
- Full detailed error messages per lane
- Automatic end distance settings
- Real-time automatic speed adjustments
- Enhanced lane-skipping capability
- LED Error Indication System

PATTERN MANAGEMENT

- Onboard access to Kegel's Pattern Library
- Ability to send patterns from Kegel Pattern Library Mobile App to machine
- 30 patterns stored in memory
- Unlimited pattern sessions
- Upgraded 7-Day Planner & Pattern Designer
- Encoder-managed oil head for increased precision
- Improved Pattern Report
- Automatic burn pair

COMPONENTS / OPERATING SYSTEM

- Custom Control Board with simplified wiring
- Industrial Controller
- Kegel Smart Lane Machine Operating System
- Simple embedded inputs and outputs
- Split input system for faster processing
- Remappable outputs and inputs
- Complete relay isolation (single-function)
- New user interface for enhanced user experience and machine functionality
- 10" full color HD touchscreen display
- Zero-latency, super responsive touchscreen
- Test input/output menu option

SPECIAL FEATURES

- Extruded aluminum cleaner and oil bar
- Proprietary designed relay board
- Integrated Wi-Fi
- 2 lithium battery options based on number of lanes conditioned per day
- Chassis style pc plate (centerplate) with minimal exposed wires/connections for a simplified inside look
- Tank light

TECHNICAL SPECIFICATIONS



ATLAS WALKER

Packaging: One machine per crate

Part Number:

- 17-6600 (115V/50-60 Hz)
- 17-6650 (230V/50-60 Hz)

Weight without the battery: 365 lbs. (165.6 kg)

Battery Specifications:

- 158-1634B (Orange) 44.4 Ah | 29 lbs. (13.1 kg)
- 158-1634C (Yellow) 59.2 Ah | 39 lbs. (17.6 kg)



ATLAS

Packaging: One machine per crate

Part Number:

- 17-6500 (115V/50-60 Hz)
- 17-6550 (230V/50-60 Hz)

Weight without the battery: 350 lbs. (158.8 kg)

Battery Specifications:

- 158-1634B (Orange) 44.4 Ah | 29 lbs. (13.1 kg)
- 158-1634C (Yellow) 59.2 Ah | 39 lbs. (17.6 kg)

LANE MACHINE COMPARISON CHART

	ATLAS WALKER	ATLAS	FLEX WALKER	FLEX	IKON WALKER	IKON
SMART FEATURES (New!)						
Kegel Smart ID user integration	✓	✓				
Compatible with Smart Link Desktop Application	✓	✓				
Remote access for technicians to view diagnostic information	✓	✓				
Automatic software updates	OPTIONAL	OPTIONAL				
Powered by Kegel Cloud Servers	✓	✓				
Onboard Backups	✓	✓				
Automatic end distance settings	✓	✓				
Real-time automatic speed adjustments	✓	✓				
Enhanced lane-skipping capability	✓	✓				
LED Error Indication System	✓	✓				
COMPONENTS / OPERATING SYSTEM						
Custom Control Board with simplified wiring	✓	✓				
Industrial Controller	✓	✓				
Kegel Lane Machine Operating System	✓	✓				
Simple embedded inputs and outputs	✓	✓				
Split input system for faster processing	✓	✓				
Remappable outputs and inputs	✓	✓				
Complete relay isolation (single-function)	✓	✓				
New user interface for enhanced user experience and machine functionality	✓	✓				
Full color touchscreen display	10"	10"	7"	7"	3.5"	3.5"
Zero latency, super responsive touchscreen	✓	✓				
Test input/output menu option	✓	✓	✓	✓	✓	✓
Type of error messages	FULL DETAIL PER LANE	FULL DETAIL PER LANE	FULL DETAIL	FULL DETAIL	SIMPLE	SIMPLE
PATTERN MANAGEMENT						
Onboard Access to Kegel's Pattern Library	✓	✓				
Ability to send patterns from Kegel Pattern Library Mobile App to machine	✓	✓	✓	✓	✓	✓
Patterns stored in memory	30	30	30	30	15	15
Number of pattern sessions for AM and PM	UNLIMITED	UNLIMITED	3	3	1	1
Upgraded 7-Day Planner & Pattern Designer	✓	✓				
Encoder-managed oil head for increased precision	✓	✓				
Improved Pattern Report	✓	✓				
Automatic burn pair	✓	✓	✓	✓	✓	✓
CONDITIONING						
High-speed ethernet-controlled driver for more accurate oil application	✓	✓				
Sanction Technology™ fluid metering conditioning system	✓	✓	✓	✓	✓	✓
Conditioner float switches with low-level warning message	✓	✓	✓	✓	✓	✓
Computer-controlled variable mic oil pumps	✓	✓	✓	✓		
Computer-controlled oil pump calibration	✓	✓	✓	✓		
DUO conditioning system			✓	✓		
DUO transfer system (roller and single transfer brush)	✓	✓	✓	✓	✓	✓
Two pre-filled/refillable conditioner cartridges			✓	✓		
Ability to alternate two conditioners per load stream			✓	✓		
Board-to-board pattern control	✓	✓	✓	✓	✓	✓
Pattern verification capability	✓	✓	✓	✓	✓	✓
Variable Buffer speeds			OPTIONAL	OPTIONAL		
CLEANING						
Easy to remove vacuum motor	✓	✓				
Sprayless cleaning system	✓	✓	✓	✓	✓	✓
Cleaner float switches with low-level warning message	✓	✓	✓	✓	✓	✓
Large waste recovery tank (50+ lanes before emptying)	✓	✓	✓	✓	✓	✓
Patented cushion roller wrap for better cleaning	✓	✓	✓	✓	✓	✓
Squeegee cartridge for easy replacement of blades	✓	✓	✓	✓	✓	✓
Self-mixing cleaner system			OPTIONAL	OPTIONAL		
Multi-adjustment squeegee assembly	✓	✓	✓	✓	✓	✓

	ATLAS WALKER	ATLAS	FLEX WALKER	FLEX	IKON WALKER	IKON
DRIVE						
Omni Wheel for better lane-to-lane transitions	✓					
Smoother whisker reaction controlled by OS	✓					
Zero Turn Radius lane-to-lane walking function	✓		✓		✓	
Auto-aligning lane whiskers	✓		✓		✓	
Universal speed controls	✓	✓				
Independent drive motors and control for easy motor balancing using the user interface	✓					
Patented six variable drive speeds	✓	✓	✓	✓	✓	✓
Backend adjustable cleaning speed	✓	✓	✓	✓		
Smart processor auto-align memory			✓		✓	
Front safety object detection	✓		✓		✓	
SPECIAL FEATURES						
Extruded aluminum cleaner and oil bar	✓	✓				
Proprietary designed relay board	✓	✓				
Wi-Fi	INTEGRATED	INTEGRATED	EXTERNAL KIT	EXTERNAL KIT	EXTERNAL KIT	EXTERNAL KIT
2 lithium battery options based on number of lanes conditioned per day	✓	✓	✓	✓	✓	✓
Chassis style pc plate (centerplate) with minimal exposed wires/connections for simplified inside look	✓	✓				
Tank light	✓	✓	✓	✓	✓	✓



**One Lane Machine.
Endless Possibilities.**



The design of the FLEX makes a bold statement, and the DUO conditioning system under the lid backs it up. DUO Technology gives you the benefit of easily using more than one lane conditioner in your center. By combining the precise accuracy of Sanction Technology™ with dual conditioner cartridges, and still being able to verify how much conditioner will be applied to the lane, DUO Technology gives you versatility, dependability, and accountability.

FLEX gives you features to improve performance, simplify your experience, and allows you to have more control of your lane maintenance program. Want even more? Choose from any of our upgrades for a machine perfectly customized to fit your needs.

FLEX WALKER



17-5803

(115V AC/50-60 Hz)

17-5853

(230V AC/50-60 Hz)

Machine Weight: 370 lbs. (167.8 kg)

FLEX



17-5707

(115V AC/50-60 Hz)

17-5757

(230V AC/50-60 Hz)

Machine Weight: 331 lbs. (150.1 kg)

CONDITIONING

- Uses Sanction Technology™ to measure conditioner volume before applying to lane
- Variable Speed Buffer option (see upgrades)
- DUO conditioning system (two pumps and two conditioner cartridges)
- DUO transfer system
- Two pre-filled/refillable conditioner cartridges
- Alternate two conditioners in one pass
- Adjustable microliter streams (per load setting)
- Ability to condition each lane in less than 90 seconds
- Conditioner float switches with low level warning message
- Board-to-board pattern control
- "Oil Only" function
- Touchscreen control of oil pump calibration

CLEANING

- Cleaner Mixing System option (see upgrades)
- Squeegee cartridge for easy replacement of blades
- Sprayless cleaning system
- Ability to monitor and adjust cleaner output in touchscreen
- Cleaner float switches with low level warning message
- Large waste recovery tank (50+ lanes before emptying)
- Duster/cleaning cloth waste roll on top for easy removal
- Patented cushion roller wrap for better cleaning
- Super quiet DC vacuum motor
- "Clean Only" function
- "Dust Only" function

DRIVE

- Patented six variable drive speeds
- Backend adjustable cleaning speed
- Self-adjusting drive speeds
- LED arrow for better operator positioning
- Dual Drive System

TOUCHSCREEN/PLC

- Full color 7" touchscreen display
- Three program zones for both AM and PM
- Stores 30 programs in memory
- Test input/output menu option
- Full detailed error messages

BATTERIES

- Single lightweight lithium battery
- Three battery options based on number of lanes conditioned per day
- External battery charger

SPECIAL FEATURES

- Easy sliding detachable lid assembly
- KOSI™ software kit included (Kegel Online Support Interface)

WALKER ONLY FEATURES

- Zero Turn Radius lane to lane walking function
- Auto-aligning lane whisksers
- Smart processor auto-align memory
- Front safety object detection
- Automatic burn pair

UPGRADES

Cleaner Mixing System*

- Self-mixing cleaner adjustments
- Precise mixing ratios

Variable Speed Buffer*

- Ability to customize four preset buffer speeds
- More control of front to back taper

Batteries

- Each machine comes with our K2 Energy® lithium battery. All FLEX Machines come standard with battery 158-1634B.
- Two battery options



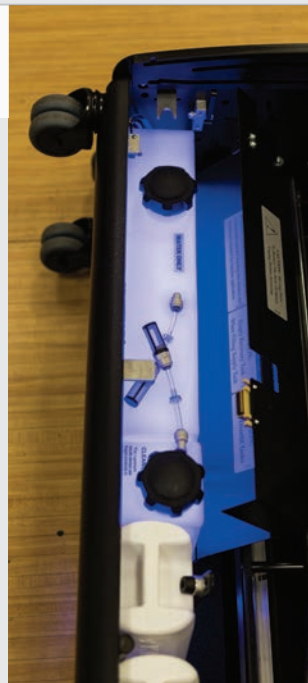
158-1634B
(62 lanes)**



158-1634CU
(90 lanes)**

* Factory upgrade (must be installed at time of purchase).

** Will vary if using Variable Speed Buffer Upgrade



BONUS WARRANTY FOR ATLAS, FLEX & IKON

Receive an 18 month warranty with an additional 18 months if you agree to only use Kegel lane maintenance products in your lane machine.



High Tech Made Easy

IKON is a battery powered combination lane machine that incorporates Kegel's proven technology with the modern styling of the FLEX.

The IKON uses Sanction Technology™ for the conditioning system which is reliable, verifiable, and accurate to $\pm 1\%$ with continued precision of $\pm 0.5\%$ after millions of cycles.

For cleaning, the IKON utilizes a sprayless system, which cleans the lane without any overspray into the gutters, keeping your customers and pinsetters cleaner.

Kegel's patented conditioning and cleaner systems are the only ones that can be checked and verified before you begin lane maintenance - now that's peace of mind.

IKON WALKER



TECHNICAL SPECIFICATIONS

- Part Number:
17-6400 (115V AC/50-60 Hz)
17-6450 (230V AC/50-60 Hz)
- Weight without the battery: 350 lbs. (167.8 kg)

IKON



TECHNICAL SPECIFICATIONS

- Part Number:
17-5900 (115V AC/50-60 Hz)
17-5950 (230V AC/50-60 Hz)
- Weight without the battery: 330 lbs. (149.7 kg)

IKON / IKON WALKER Battery Specifications

158-1634B (Orange) 44.4 and 59.2 Ah | 29 lbs. (13.1 kg) - Standard
158-1634CU (Yellow) 44.4 and 59.2 Ah | 39 lbs. (17.6 kg) - Upgrade

FEATURES

- Sanction Technology™ Conditioning System with forward and reverse capabilities
- DUO Transfer System enhances the smoothness of the pattern and allows for easy pattern changes
- Patented sprayless cleaning system
- Full color 3.5" touchscreen display
- PLC stores 15 patterns in memory
- Choose from 2 different size lithium batteries based on your bowling center's needs or number of lanes conditioned per day
- Conditions each lane in less than 90 seconds



WALKER ONLY FEATURES

- Zero Turn Radius lane to lane walking function
- Auto-aligning lane whisksers
- Smart processor auto-align memory
- Front safety object detection



Affordable Quality

The Crossfire is a compact, durable and highly functional lane machine at a very affordable price. This wick combination lane machine allows small centers to experience high quality lane maintenance only Kegel can deliver.

Features:

- Cleans and conditions the lane in about 80 seconds
- On-board keypad for simple machine programming
- 6 High-Flow Wick Pads (upgradeable to 8)
- 12 Lane Conditioner Capacity (upgradeable to 60)
- 32 Lane Cleaner Capacity
- 3 Drive Speeds for enhanced pattern taper
- Compact Design
- Full color 3.5" touchscreen display
- Machine Weight: 275 lbs. (124.7 kg)

Part Number:

Crossfire - 6 PAD MODEL D

17-5200D (115V AC/60 Hz) 6 PAD/CAM MACHINE

17-5250D (230V AC/50 Hz) 6 PAD/CAM MACHINE

Optional Upgrade Kit

Increase to 8 Wick Pads and Conditioner Capacity to 60 lanes

158-8241 - 8-PAD AND CONDITIONER TANK UPGRADE KIT - 115V AC

158-8241E - 8-PAD AND CONDITIONER TANK UPGRADE KIT - 230V AC

158-8214 - 8-PAD UPGRADE KIT

158-8215 - CONDITIONER TANK UPGRADE KIT - 115V AC

158-8215E - CONDITIONER TANK UPGRADE KIT - 230V AC



Lane Machine Assist

One person can quickly and easily raise and lower their lane machine safely.

Physical Properties:

- Color: Black
- Dimensions: Width: 60" | Height: 8" | Depth: 8"
- Lifting Capacity: Any Kegel Lane Machine
- Packaging: Assembled and ready to mount

Part Number: 154-8510

(Must be installed by a qualified contractor.)

Bracket Kit for all models

Part Number: 154-8520

Replacement Strap Kit

Part Number: 154-8519

Lane Conditioners

SANCTION® CONDITIONERS



Whether you want more hook, less hook, or something in-between, the perfect lane conditioner is up to you



CURRENT™

- Viscosity: 52.0 cps.
- Surface Tension: 23.3 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case
5 gallons (19 liters)

Part Number: 156-8175



TERRAIN™

- Viscosity: 81.0 cps.
- Surface Tension: 23.2 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case
5 gallons (19 liters)

Part Number: 156-8185



- Shipping Weight: 38.5 lbs. (17.4 kg)
- One cartridge: 0.4 gallons (1.5 liters)
- Packaging: 12 cartridges per case
4.75 gallons (18 liters)

Part Number: 156-8175C



- Shipping Weight: 38.5 lbs. (17.4 kg)
- One cartridge: 0.4 gallons (1.5 liters)
- Packaging: 12 cartridges per case
4.75 gallons (18 liters)

Part Number: 156-8185C



FIRE™

- Viscosity: 45.1 cps.
- Surface Tension: 23.6 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case
5 gallons (19 liters)

Part Number: 156-8135



ICE™

- Viscosity: 40.9 cps.
- Surface Tension: 23.2 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case
5 gallons (19 liters)

Part Number: 156-8130



- Shipping Weight: 38.5 lbs. (17.4 kg)
- One cartridge: 0.4 gallons (1.5 liters)
- Packaging: 12 cartridges per case
4.75 gallons (18 liters)

Part Number: 156-8135C



- Shipping Weight: 38.5 lbs. (17.4 kg)
- One cartridge: 0.4 gallons (1.5 liters)
- Packaging: 12 cartridges per case
4.75 gallons (18 liters)

Part Number: 156-8130C

Lane Conditioners

SANCTION® CONDITIONERS



- Viscosity: 55.0 cps.
- Surface Tension: 22.0 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8145



- Shipping Weight: 38.5 lbs. (17.4 kg)
- One cartridge: 0.4 gallons (1.5 liters)
- Packaging: 12 cartridges per case 4.75 gallons (18 liters)

Part Number: 156-8145C



- Viscosity: 36.5 cps.
- Surface Tension: 23.1 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8115



- Viscosity: 47.3 cps.
- Surface Tension: 22.7 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8025

WICK-PAD & SANCTION® CONDITIONERS



- Viscosity: 31.2 cps.
- Surface Tension: 23.7 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8095



- Viscosity: 31.3 cps.
- Surface Tension: 23.5 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8125



- Viscosity: 24.1 cps.
- Surface Tension: 23.6 dyn/cm
- Shipping Weight: 40 lbs. (18.1 kg)
- One Container: 1.25 gallon (4.73 liters)
- Packaging: 4 containers per case 5 gallons (19 liters)

Part Number: 156-8105

Conditioner Comparison

SANCTION TECHNOLOGY™									
PROPERTIES	TERRAIN	CURRENT	FIRE	ICE	CURVE	NAVIGATE	INFINITY	PRODIGY	DEFENSE-S
VISCOSITY <small>(at 72.5 °F / 22.8 °C)</small>	81	52	45.1	40.9	55	31.3	36.5	31.2	47.3
CHARACTERISTICS									
Lineage (Best for)	Any	Any	League / Tournament	League / Tournament	League	Open Play / League	League / Tournament	Open Play	League
Average Pin Calls	Low/None	Low/None	Low/Medium	Low/Medium	Low	Low	Medium	Low/None	High
Cleanability	Moderate	Difficult	Easy	Easy	Moderate	Easy	Moderate	Easy	Difficult
LANE SURFACES									
High Friction Surfaces	Better	Best	Good	Best	Better	Better	Best	Better	Best
Medium Friction Surfaces	Best	Best	Better	Better	Best	Better	Better	Best	Better
Low Friction Surfaces	Best	Better	Best	Good	Better	Better	Good	Best	Good

WICK-PAD TECHNOLOGY			
PROPERTIES	NAVIGATE	PRODIGY	CROSSFIRE
VISCOSITY <small>(at 72.5 °F / 22.8 °C)</small>	31.3	31.2	24.1
WICKING TIME	13 minutes	14 minutes	10 minutes
CHARACTERISTICS			
Lineage (Best for)	Open Play / League	Open Play	Open Play / League
Average Pin Calls	Low	Low	Low
Cleanability	Easy	Easy	Easy
LANE SURFACES			
High Friction Surfaces	Good	Better	Best
Medium Friction Surfaces	Better	Better	Best
Low Friction Surfaces	Better	Best	Good

Lane Cleaners



DEFENSE CX4 S

- Designed for low friction surfaces and stronger backend reaction
- pH: 11.3
- Shipping Weight: 10 lbs. (4.5 kg)
- One Container: 1 Gallon (3.79 liters)
- Packaging: 1 container per case

Part Number: 156-8435



DEFENSE-C

- pH: 10.8
- Shipping Weight: 42 lbs. (19.1 kg)
- One Container: 2.5 gallons (9.4 liters)
- Packaging: 2 containers per case

Part Number: 156-8405



DEFENSE CX4

- Designed for high friction surfaces
- pH: 12.9
- Shipping Weight: 10 lbs. (4.5 kg)
- One Container: 1 Gallon (3.79 liters)
- Packaging: 1 container per case

Part Number: 156-8425

Cleaner Cloth

EZ Core Technology makes changing cloth "Quick & EZ"! Stop handling dirty cloth and get ultimate cleaning results.

K2 Select Cleaner Cloth

- Color: White
- Roll Dimensions: 43" wide x 20 yards long
- Shipping Weight: 16 lbs. (7.2 kg)
- Packaging: 4 rolls per case

K3 Select Cleaner Cloth

- Color: White
- Roll Dimensions: 43" wide x 30 yards long
- Shipping Weight: 16 lbs. (7.2 kg)
- Packaging: 3 rolls per case
- Compatible with: Kustodian Plus and later model lane machines (Not compatible with Crossfire Lane Machines)

Part Number:

K2 Select (Reusable PVC Core): 153-0047EZ

K3 Select (Reusable PVC Core): 164-0047EZ

K2 Kloth (Cardboard Core): 153-0047P

K3 KLOTH

Clean up to
50% more
lanes before
changing
rolls



Center Care Products



Spot On™ Pin Deck Spray

Spot On Pin Deck Spray helps you improve pin carry to eliminate off-spot pins and out-of-ranges. Purchase the gallon size which can be used manually with your favorite spraying device!

- One Container: 1 gallon (3.79 liters)
- Packaging: 1 container per case

Part Number: 156-8311



Balance™ Approach All-In-One

Balance is the all-in-one solution to maximize the performance of your synthetic approaches. With one product you can create an even and uniform surface for optimal slide conditions. Clean and condition your approaches in one simple application.

Use with a rotary buffer.

- One Bottle: 16 oz. (0.47 liters)
- Packaging: 4 bottles per case

Part Number: 156-8320



Revive Ball Cleaner

- Easy to use - spray on, wipe off
- Gentle on the skin
- Can be used on ALL bowling balls
- pH: 8.4

Part Number:

156-8768 - 8 oz. (0.236 liters) bottle

156-8768C - Case (12 - 8 oz. bottles)

156-8763 - 23 oz. (0.68 liters) bottle



PIN CLEANING MACHINE & CLEANER CONCENTRATE



- Cleans ALL types of bowling pins
- Includes attachment to sand base of pins
- Weight: 37 lbs. (16.7 kg)

Part Number:

17-0040 - 115V AC/60 Hz

17-0040E - 230V AC/50 Hz



- Cleans ALL types of bowling pins
- Not harmful to skin
- For use in ALL pin cleaning machines
- One Container: 1 gallon (3.79 liters)
- Packaging: One container per case
- Concentrated cleaner
- pH: 9.2

Part Number: 156-8800

Microfiber Approach and Utility Mops

Color-coded to separate your approach mops from other mops used in less sensitive areas of your center. These high performance microfiber mops grab dirt and dust for quick and easy cleaning. Approach Mop is ideal for synthetic approaches. Utility Mop is perfect for cleaning in the pit, bowlers area, and elsewhere throughout your center. Machine-washable.



Approach Mop (Green)

- 36" Approach Mop only - 159-4402
- 36" Approach Mop with Handle Assembly - 159-4402C
- 48" Approach Mop only - 159-4403
- 48" Approach Mop with Handle Assembly - 159-4403C



Approach Mop (White)

- 24" Approach Mop only - 159-4420
- 24" Approach Mop with Handle Assembly - 159-4420C
- 36" Approach Mop only - 159-4421
- 36" Approach Mop with Handle Assembly - 159-4421C
- 48" Approach Mop only - 159-4422
- 48" Approach Mop with Handle Assembly - 159-4422C



Utility Mop (Blue)

- 18" Utility Mop only - 159-4410
- 18" Utility Mop with Handle Assembly - 159-4410C
- 24" Utility Mop only - 159-4411
- 24" Utility Mop with Handle Assembly - 159-4411C
- 36" Utility Mop only - 159-4412
- 36" Utility Mop with Handle Assembly - 159-4412C

Industrial Approach Mop



This industrial white approach mop is made of durable non-looped cotton strands that easily lift away dirt and dust. Recommended for wood approaches. Machine-washable.

- 24" Approach Mop only (White) - 159-4430
- 24" Approach Mop with Handle Assembly - 159-4430C
- 36" Approach Mop only (White) - 159-4431
- 36" Approach Mop with Handle Assembly - 159-4431C
- 48" Approach Mop only (White) - 159-4432
- 48" Approach Mop with Handle Assembly - 159-4432C

Gutter Mop



This white gutter mop is made of durable non-looped cotton strands. Recommended for all type gutters. Machine-washable.

- Gutter Mop - 159-4400
- Gutter Mop Frame and Handle only - 159-4400F
- Gutter Mop Complete with Frame and Handle - 159-4400C

Frames and Jaws

- 18" Wire Frame - 159-4450
- 24" Wire Frame - 159-4451
- 36" Wire Frame - 159-4452
- 48" Wire Frame - 159-4453
- Handle Assembly Only - 159-4455

Buffing Pads



Buffing Pad (White)

This 21" buffing pad is made with absorbent synthetic blended yarn. Gently clean away dust from less textured approaches. Machine-washable.

Part Number: 159-4511



Buffing Pad (Green & White)

With green scrubbing stripes on both sides, this 21" buffing pad offers a little something extra. Perfect for more textured approach surfaces, this buffing pad allows you to gently loosen and remove dirt build-up from the pores of your approach. Machine-washable.

Part Number: 159-4510



Kegel Heavy Duty Hand Cleaner removes stubborn industrial soils, grease, oil, tar, paint, and even lane oil from the skin without harsh solvents.

162-8501: 2.5 Liter Bottle w/Dispenser

162-0500: 2.5 Liter Hand Cleaner Refill (for use with dispenser)

162-0501: Hand Cleaner Dispenser

162-0504: 13.5 oz. Bottle





The Disposable Alternative to Bowling Rental Shoes

Bowling Buddies Shoe Covers are fully functional, disposable shoe covers that are designed for a single session of bowling and are intended as an alternative to the traditional rental shoe.

They are also specifically designed to enhance the customer's bowling experience by giving them the comfort of bowling in their own shoes as well as providing exceptional front slide and rear friction for a perfect game.

Perfect for everyday use as well as for large parties & events, each pair is individually wrapped and available in four sizes for all your customers.

SHOE SIZE CHART				
SIZE	PART NUMBER	KID'S	WOMEN'S	MEN'S
SMALL	159-4600	2 & Under		
MEDIUM	159-4601	2+	8 & Under	
LARGE	159-4602		8.5 - 12	5.5 - 9.5
X-LARGE	159-4603		13+	10-15
VARIETY PACK	159-4604	SMALL= 50 MEDIUM= 75 LARGE= 75 X-LARGE= 50		

Packaging: Each case contains 250 individually wrapped pairs of the selected size.



Coaching Tools



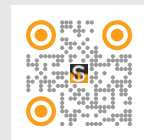
Specto is the premier tracking system for centers, bowlers, and coaches. It records information about bowlers' shots using an advanced sensor and displays it to them on an easy-to-use app. The free mobile app for iOS® or Android™ also includes the game-like modules Worlds and Challenges for a fun, customizable experience.



Controller and Protection Guard are not pictured.

Specto Tracking System - 157-8602 (90V AC - 260V AC / 50-60 Hz)

Scan this QR Code to see
Specto Requirements
for your center



Specto Go is a portable version of the tracking and practice system for centers, bowlers, and coaches. With all the great features of Specto and the added benefit of being able to take it on the go, this system is perfect for temporary set-ups and can be moved between different locations.

Specto GO Portable Tracking System - 157-8611 (90V AC - 260V AC / 50-60 Hz)

Tested Specto HD Sensor - 157-8607

CAT 5E Green Ethernet Cable - 60 Ft - 157-1604

Specto Processor w/Operating System - 157-8606

Specto Power Supply Extension Cable - 157-1605

Specto Sensor Power Supply - 157-1603

Specto Calibration Stick - 157-8604

Specto Sensor Guard Assembly - 157-8608

Specto Isolation Mount Bracket Assembly - 157-8603

Specto Go Conversion Kit (Specto Go to standard Specto System) - 157-8611K

Specto Go Laptop w/Software - 157-8605



Specto and Specto Go require a \$495 annual fee which covers cloud storage as well as software and mobile app updates.



The Torch-X is a light targeting tool used to help with accuracy and alignment. Using LED lights, it reflects a path of light on the lane to help you select the correct launch angle and hit your target time after time.

Torch-X Features:

- Multiple light color options
- Tilt bar for precision alignment
- 2-piece top assembly for height adjustments
- Trigger switch flashes light bar on and off or changes color when you hit your target

Torch-X Lane Complete System - 157-8810 (100V AC - 240V AC / 50-60Hz)



Torch Complete System - 157-8800 (100V AC - 240V AC / 50-60Hz)

Optional Battery Upgrade for Torch-X/Torch - 157-8801



The Arrow is a 3D Reference Tool that gives players a physical reference point to see when working on a variety of drills. Visualize your set-up position, pushaway, finish position and more!

Arrow - 157-8850

Bowling Ball is not included.

LEGEND

SUFFIX	MACHINE	SUFFIX	MACHINE
IKW	IKON WALKER	KW	KUSTODIAN WALKER
IKN	IKON	ION	KUSTODIAN ION
FWYEAR*	FLEX WALKER YEAR	XF	CROSSFIRE
FXYEAR*	FLEX YEAR	KP	KUSTODIAN PLUS
FXW	FLEX WALKER 2013-15	KK	KUSTODIAN
FLX	FLEX 2013-15	PX-C	PHOENIX C

Some models have been discontinued, making some parts unavailable. Models include Elite (ELT), Standard (STD), Elite Plus (EP), Phoenix (PX), Phoenix-S (PXS)

* YEAR represents the model year in the serial number. Suffix represents all model variations unless model type is specifically indicated (i.e. KP-A).

Cleaning

Recovery Tank - 164-8017 IKW | IKN | FXW | FLX
Recovery Tank Filter (for tank 164-8017)
 164-8017F - IKW | IKN | FXW | FLX (FLX-17733 / FXW-13229 and ABOVE)

Recovery Tank - 153-8841 - XF
Recovery Tank Filter (for tank 153-8841) - 153-8844 - XF
Recovery Tank - 154-8683 - ION-A | KP-A | KK | PX-C
Folded Recovery Tank Filter (for tank 154-8683) - 154-8684

Recovery Tank - 158-8434 - ION-B | KP-B
Recovery Tank - 158-8617 - KW | ION-C,D
Recovery Tank Filter (for tanks 158-8434, 158-8617) - 158-0406
Recovery Tank Gasket (for tanks 158-8434, 158-8617, 164-8017) - 158-0405



Upgraded Cleaner Mixing System

Complete Cleaner Tank Assembly - 164-8043
Complete Water Tank Assembly - 164-8041
Cleaner Pump Assembly for Concentrate
 164-8027
Cleaner Tubing #14 for Super Concentrate
 164-8025

Cleaner Tubing #16 for Regular Concentrate
 164-8026
Supply Tank Cap
 164-8081
Supply Tank Gasket
 164-0021

Cleaning

Complete Cleaner Tank Assembly - 164-8042 - FXW | FLX
Complete Supply Tank Assembly - 154-8840 - XF | KK | PX-C
Complete Cleaner Tank Assembly - 158-8433C - IKW | IKN | KW | ION-B,C,D | KP-B
Cleaner Supply Tank Only - 158-8433 - KW | ION-B,C,D | KP-B
Cleaner Supply Tank Assembly - 154-8894 - ION-A | KP-A
Cleaner Supply Tank Float Switch - 154-8693



Cushion Roller With Cloth Cover - 164-8839
Compatible with ALL IKON | ALL FLEX | KW | ION | XF | KP
Use same part number to upgrade these models: **KK**
If ordering to upgrade KK you will need (2)
153-6421S spacers and hardware (153-2069).

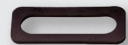
Cushion Roller - 153-8838 - KK
Duster Roll Support Pipe - 153-0429

PVC Take-Up Reel - 153-8824
(Not required with K2/K3 Select Cloth)
PVC Take-Up Reel Clamp - 154-6248 (Not Pictured)

Complete Squeegee Assembly (Blue) - 153-0202D
(Includes inside and outside channel)
KW | ION | XF | KP | KK



Replacement Squeegee Blades & Gasket Kit - 164-8038K
IKW | IKN | FXW | FLX (also for machines with upgraded Squeegee Cartridge)
Squeegee Gasket - 164-0003 - IKW | IKN | FXW | FLX (for machines with upgraded Squeegee Cartridge)



Replacement Squeegee Blades - Blue Pair - 153-8204E
Replacement Squeegee Blades - Brown Pair - 153-8834

Cleaner Tip Hose Assembly - 154-8852
IKW | IKN | FW | FX | FXW | FLX | KW | ION | KP

Pin Deck Treatment Hose Assembly - 164-8228
FW | FX | FXW | FLX

Pin Deck Treatment Tip Cover - 164-2067
FW | FX | FXW | FLX

Cleaner Tip with Check Valve
164-0012M



Male Luer
1/8" Hose Barb - 154-0863



Sprayless Cleaner Pumps



Cleaner Pump Drive Motor

154-8874 (115V AC)

154-8875 (230V AC)

158-8404 (24V DC)

Cleaner Pump Assembly - 158-8404D

Norprene® Tubing - 154-0861B

Cleaner Volume Control Valve - 154-1855

Concentrate Motor (Upgrade Only)

164-8027 - FW | FX | FXW | FLX

Potentiometer for Cleaner Control

154-8846 - KP

158-8413 - KW | ION

Complete Cleaner Pump Assembly

154-8859 (115V AC) - KP-A

154-8859E (230V AC) - KP-A

Complete Cleaner Pump Assembly

158-8404C (24V DC) - KW | ION-A,B

154-8847 (24V DC) - KP-B

Kustodian PLUS (Model A Only)

24V DC Cleaner Pump Conversion Kit

154-8844 (115V AC)

154-8845 (230V AC)



Cleaner Tank Filter - 154-0212B

1/2" O-Ring - 154-0287C

Cleaner Funnels

Cleaner Funnel - Long Stem

158-8252

Cleaner Funnel - Short Stem

154-8647

Cleaner Funnel - No Stem

153-0252



Spray Jet Cleaner Pumps

Kegel Cleaner Spray Pumps

158-8212 (115V AC)

158-8213 (230V AC)



Cleaner Pump Repair Kit

Valve/Diaphragm Kit

for Kegel Pump

158-8212K

Spray Jet Assembly

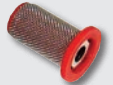
Tip Retainer - 153-0218

Spray Jet Body - 153-6252

Nylon Body - 153-0217



Screen Check Valve - 153-0220



Outside Spray Tip (1501) - 154-0007

Inside Spray Tip (8003) - 153-0207

Inside Spray Tip (11003) - 153-0207A



Universal In-Line Filter Assembly - 154-8867A

In-Line Filter Assembly - 154-8887

IKW | IKN | KW | ION | KP

Cleaning System Tubing

(Sold by the Inch)

1/4" - 153-0208S - for Spray Jet Machines

1/4" - 154-0202C - Clear

LEGEND

SUFFIX

MACHINE

IKW

IKON WALKER

IKN

IKON

FW^{YEAR*}

FLEX WALKER YEAR

FX^{YEAR*}

FLEX YEAR

FXW

FLEX WALKER 2013-15

FLX

FLEX 2013-15

SUFFIX

MACHINE

KW

KUSTODIAN WALKER

ION

KUSTODIAN ION

XF

CROSSFIRE

KP

KUSTODIAN PLUS

KK

KUSTODIAN

PX-C

PHOENIX C

Some models have been discontinued, making some parts unavailable. Models include Elite (ELT), Standard (STD), Elite Plus (EP), Phoenix (PX), Phoenix-S (PXS)

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Cleaning

Cleaning Component Motors

Duster Motor (115V AC) - 153-8403 - KK | KP | XF
Duster Motor (230V AC) - 153-8803H - KK | KP | XF
Duster Motor (24V DC) - 158-8403 - ALL IKON | ALL FLEX | KW | ION
Squeegee Motor (115V AC) - 153-8207 - KK | KP | XF
Squeegee Motor (230V AC) - 153-8807 - KK | KP | XF
Squeegee Motor (24V DC) - 158-8402 - ALL IKON | ALL FLEX | KW | ION
Vacuum Motor (115V AC) - 154-8805 - KK | KP | PX-C
Vacuum Motor (230V AC) - 154-8805E - KK | KP | PX-C
Vacuum Motor (115V AC) - 158-8208 - XF
Vacuum Motor (230V AC) - 158-8208E - XF
Vacuum Motor (24V DC) - 158-8407 - ALL IKON | ALL FLEX | KW | ION



Vacuum Motor Replacement Parts

Vacuum Housing - 153-0204H
Fan Blade - 153-0204F
Flexible Hose (Sold by the Inch) - 154-0260
Vacuum Motor Hose Assembly (2021) 164-8840
Squeegee Vacuum Hose Assembly (2021) 164-8841
Squeegee Vacuum Hose Assembly (2021 - with tapped hole for suction elbow) 164-8842
Vacuum Motor and Squeegee Hose Upgrade Kit (2021) 164-8843
Vacuum Motor and Squeegee Hose Upgrade Kit (2021 - with suction elbow) 164-8844
Brushes for Vacuum Motor (115V AC) - 153-0204B - KK | KP | PX-C | XF
Brushes for Vacuum Motor (230V AC) - 153-0204C - KK | KP | PX-C | XF
Brushes for Vacuum Motor (24V DC) - 158-1421B - ALL IKON | ALL FLEX | KW | ION

Cleaning Component Speed Controls and Head Motor Drivers

Cleaner Speed Control (24V DC) - 164-8806 - ALL IKON
Cleaner/Water Speed Control (24V DC) - 164-8221 - ALL FLEX
Cleaner Speed Control (24V DC) - 158-8415 - KW | ION
Cleaner Speed Control (24V DC) - 154-8848 - KP
Stepper Driver (BERG) - 158-1605 - ALL FLEX | KW-C,D | ION C,D

WHAT IS NEW IN SPECTO BOWLING?

WORLDS

A guided game-like practice to help a player develop their skills. Just select the difficulty level and start with the first world. Improve your game while completing the missions

PERFORMANCE

Everything you need for a hard core practice. Learn about your ball reaction, accuracy, and see data related to your performance.

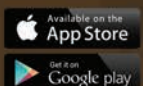
Challenges

Try different challenges to see how you stack up. Compete with bowlers in your center, country, and the world to get your name on the leader boards!



CHECK OUT THE BUSINESS
MODELS AND FINANCIAL
PLANS AT

www.spectobowling.com



Conditioning

FLEX Conditioner Cartridge

(Complete with Valve Assembly) - 164-8015 (Pkg of 2)

FLEX Conditioner Cartridge

(Without Valve Assembly) - 164-8015A

Cartridge Plunger - 164-8015P

Cartridge Cap (with 38mm hole)

164-0004

Viton O-Ring for Cap

Viton O-Ring for Plunger (outside)

164-6079

Cable Carrier for Oil Head Assembly

164-9009- FW | FX

FLEX Conditioner Sub Tank Float Switch

(For Old Style Molded Tank) - 154-8693

FLEX Conditioner Sub Tank Filter Assembly

(For Old Style Molded Tank) - 154-0212

Sub Tank O-Ring

(For Old Style Molded Tank) - 164-6173

Sub Tank Replacement Plug

(For Old Style Molded Tank) - 164-8082

Cylinder Sub Tank Upgrade Kit

164-8215

Cylinder Sub Tank Inline Filter Assembly

164-0215

Cylinder Sub Tank Float Switch

164-8237



Conditioner Transfer System

Single Conditioner Transfer Brush Assembly - 164-0866



Dual Conditioner Transfer Brush Assembly - 154-0866 - KW | ION | KP

Buffer Brush - 154-8641 - KW | ION | XF | KP | KK | PX-C

(Upgraded Transfer Brush to DUO System)

Buffer Brush - 164-8001 - FXW | FLX

Buffer Brush - 164-8001A - IKW | IKN | FW | FX

Transfer Roller - 154-8338 - PX-C

Transfer Roller - 154-8608 - KK

Transfer Roller - 158-8204 - XF

Transfer Roller - 164-8008 - IKW | IKN | ALL FLEX

Transfer Roller Duo Upgrade - 158-8441

Transfer Roller Belt Duo System 100XL037- 154-9203 - IKW | IKN | ALL FLEX

Buffer Belt 315L050 - 164-9019 - IKW | IKN

Buffer Belt 255L050 - 154-9615 - ION-A,B | KP | KK

Buffer Belt 225L050 - 153-9817 - PX-C

Buffer Belt 210L050 - 158-9201 - XF

Buffer Belt 263L050 - 158-9026 - KW | ION-D

Buffer Belt Standard 248L050 - 164-9006 - FXW | FLX

Buffer Belt for Variable Speed Upgrade 255L050- 154-9615 - FXW | FLX (FLX-17733 / FXW-13229 and ABOVE)

Buffer Belt for Variable Speed Upgrade 248L050- 164-9006 - FXW | FLX (FLX-17732 / FXW-13228 and BELOW)

Buffer Belt for Non-Variable Buffer 352L050 - 164-9016 - FW | FX

Buffer Belt for Variable Buffer 356L050 - 164-9017 - FW | FX



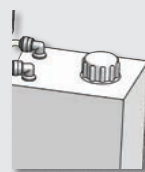
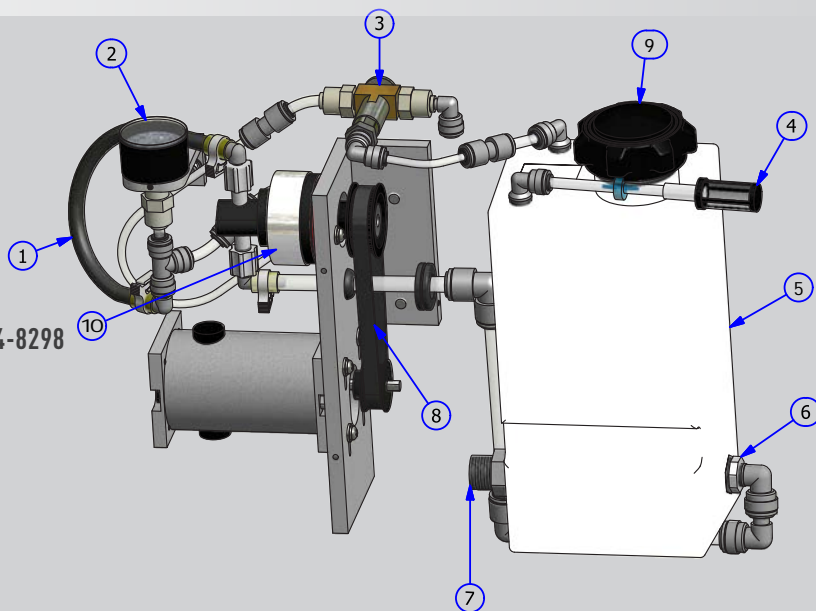
Head Drive Belt - 154-9201

Compatible with ALL applications.

Conditioning

Fluid Metering Components

- 1. Pulse Suppression Assembly**
164-8021 - FXW | FLX
154-8816 - IKW | IKN | KW | ION | KP | KK
- 2. Pressure Gauge (60 psi) - 158-1613**
- 3. Oil Control Valve (24V DC) - 154-1209**
Oil Control Valve (24V DC - Extended Wires & Fittings) - 154-8298
- 4. Vent Valve**
154-8817 - IKW | IKN | KW | ION | KP
164-8007 - FXW | FLX
- 5. Oil Tank Assembly with Fittings/Float**
154-8682 - IKW | IKN | KW | ION | KP
Oil Tank Assembly with Fittings
154-8842 - KK
- 6. Oil Tank Filter - 154-0212**
- 7. Float Switch Assembly**
154-1203 - XF
154-8693 - IKW | IKN | FW | FX | FXW | FLX | KW | ION | KP | PX-C
- 8. Belt for Conditioner Pump Motor**
154-9202A - IKW | IKN | KP | KK (60Hz)
164-9008 - ALL FLEX
158-8615 KW-C,D | ION-C,D
154-9202A for KW-B
154-9608 for ION-B
154-9215 KP | KK (50Hz)
- 9. Oil Tank Cap Assembly (only for tank pictured in diagram)**
164-8081 - Complete
164-0021 - Gasket only
- 10. Fluid Metering Oil Pump**
154-8299 - All Sanction Machines



Oil Tank Cap Assembly

- 154-0832 - Complete
- 154-0832C - Cap only
- 154-0832G - Gasket only

Tubing

Conditioning System Tubing

(Sold by the Inch)

- 3/16" - 154-0202B
- 1/4" - 154-0202A
- 3/8" - 154-0202

Conditioner Head Tip & Hose Holder Assembly (includes tubing)

- Oil Tip Assembly 164-8240 - FW | FX | FXW | FLX
- 3- 1/2" Tip Holder (Painted Machines with Transfer Roller) - 154-8883
- 4- 1/2" Tip Holder (Painted Machines with Transfer Brush) - 154-8851
- 5- 1/4" Tip Holder (Upgraded Transfer Brush Models) - 154-8896
- Retaining Spring for Head - 153-2713
- Oil Pencil Tip (Black Molded) - 154-6832

- Graduated Cylinder (25ml) - 154-0215
- Felt for Graduated Cylinder (25ml) - 154-0210
- Graduated Cylinder (50ml) - 154-0215A
- Felt for Graduated Cylinder (50ml) - 154-0210A
- Oil Funnel with 3" Hose - 153-0052A

Conditioner Pump Motors

115V AC - 154-8604 - KP | KK

230V AC - 154-8604E - KP | KK

24V DC - 158-8401A - IKW | IKN | KW-A,B | ION-A,B

24V DC Stepper Motor - 158-8632 - ALL FLEX | KW-C,D | ION-C,D

Motor Brushes for Conditioner Pump Motor

Bison® Motor Brushes (Black) - 158-1422B - KW-A,B | ION-A,B

Groschopp® Motor Brushes (Gray) - 158-1422G - IKW | IKN | KW-A,B | ION-A,B

(Note color of motor to ensure the correct brushes are ordered)

Head Drive Motors

115V AC - 154-8232 - KP | KK

230V AC - 154-8632 - KP | KK

24V DC - 158-8405 - IKW | IKN | KW-A,B | ION-A,B

24V DC Stepper Motor - 158-8632 - FW | FX | KW-C,D | ION-C,D

24V DC Stepper Motor - 164-8032 - FXW | FLX

Motor Brushes for Conditioner Head Motor

24V DC Brushes - 158-1404B - IKW | IKN | KW-A,B | ION-A,B

Brush Lift Motors

115V AC - 153-8207 - KK | KP | XF | PX-C

230V AC - 153-8807 - XF | KP | KK | PX-C

24V DC - 158-8402 - ALL IKON | ALL FLEX | KW | ION

Buffer Motors

115V AC - 154-8616A - XF | KP | KK | PX-C

230V AC - 154-8616E - XF | KP | KK | PX-C

24V DC (Standard Bodine®) - 164-8414 - IKW | IKN | ALL FLEX (Non Variable Buff)

24V DC (Bodine® Kit with Motor) - 164-8252 - KW | ION

24V DC (Variable Buff) - 164-8014A - ALL FLEX (Variable Buff Upgrade)

(Kit is needed when going from a Baldor® Buffer Motor to the new Bodine® Buffer Motor - NOT needed for 164-8252)

Buffer Motor Brushes

Standard Bodine® Buff - 164-1254

Variable Bodine® Buff - 164-1246

Conversion Kit for going to Bodine® Motor

Bodine® Drive/Buffer Motor Replacement Hardware Kit - 164-8250

(Kit is needed when going from a Baldor® Buffer Motor to the new Bodine® Buffer Motor - NOT needed for 164-8252)

Buffer Speed Control and Head Motor Drivers

Variable Buffer Speed Control - 164-8225 - ALL FLEX with VB Upgrade

Stepper Driver (BERG) - 158-1605 - ALL FLEX | KW-C,D | ION C,D

PLC

PLC Components*



CP1H PLC (w/o Ports)- 158-1610P

CP1L PLC (115V AC - w/o Ports)*- 164-1230 - XF | KP-A,B | KK

CP1L PLC (24V DC - w/o Ports) - 164-1228 - KW-B | ION-B

Serial Port Converter for CP1 - 158-1610S

Analog Output - 164-1217 - FXW | FLX

Analog Adapter- 164-1218

ALL FLEX Machines with Buffer and/or Cleaner Upgrades

Communication Cable - 164-1235 - IKW | IKN | FW19-22 | FX19-22

Communication Cable - 158-1610D - FX16-18 | FXW | FLX

Communication Cable - 158-1610CC - KW C,D | ION C,D

Keypad Cable for CP1L and CPM2A - 154-8809

(When used for a CPM2A, use KOSI port top of PLC)

Replacement Battery CP1L and CP1H - 158-1610B

Replacement PLC Kits*

*The Omron® CPM2A PLC is no longer available and has been replaced by the Omron® CP1L PLC. A replacement kit has been designed to make the necessary modification in the event a new PLC is needed.

DC Conversion Kit - 158-8454 - KW A,B | ION A,B

AC Conversion Kit* - 158-8254 - XF-C | KP-A,B | KK | PX-C

Twido To CP1L Upgrade (w/ 3.5" touchscreen)

158-8255 - XF-A,B

Additional upgrade kits may be necessary for KK-A,B | KP-A,B
Contact Kegel for more information.

154-8853C – Relay Kit for Original Kustodian
(Version 9G and above) *If not already in machine this kit is needed for PLC upgrade

154-8853Z – Relay Kit for Kustodian Plus
(Version 9Z and above) *If not already in machine this kit is needed for PLC upgrade

Touchscreen Components



Touchscreen Display 7"- 164-8203 - FW19-22 | FX19-22

Touchscreen Protector 7"- 164-1245 - FW19-22 | FX19-22

Touchscreen Protector 5" - 158-1612 - FXW | FLX

Touchscreen Mounting Clip - 158-1610TC - FXW | FLX | KW-C,D | ION-C,D (set of 2)

Touchscreen Display - 164-8803 - IKW | IKN | XF

Touchscreen Protector - 164-1234 - IKW | IKN | XF



Omron® PLC Battery

154-1804 - CPM2A

LEGEND

SUFFIX	MACHINE	SUFFIX	MACHINE
IKW	IKON WALKER	KW	KUSTODIAN WALKER
IKN	IKON	ION	KUSTODIAN ION
FWYEAR*	FLEX WALKER YEAR	XF	CROSSFIRE
FXYEAR*	FLEX YEAR	KP	KUSTODIAN PLUS
FXW	FLEX WALKER 2013-15	KK	KUSTODIAN
FLX	FLEX 2013-15	PX-C	PHOENIX C

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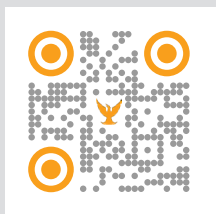
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KOSI Kegel Online Support Interface



Wi-Fi Connectivity Kit - 164-8821B

FW16-18 | FX16-18 | FXW | FLX



Get KOSI PRO for free at www.kegel.net

KOSI Communication Kit - 154-8771B

USB to Serial Converter

KOSI Cable (32 or 64 bit)



USB to Serial Converter

157-1057



KOSI Cable

(32 or 64 bit) - 154-8724

Batteries & Chargers

Kegel K2 Energy® Lithium Batteries



158-1634B (44.4 Ah)



158-1634C (59.2 Ah)

Batteries

Machine Type	Lanes Per Charge	KEGEL Charger Being Used	Battery Available	Kit Needed
ION-A,B	Up to 62	Any	158-1634B	158-8654
KW-A,B	Up to 62	Any	158-1634B	158-8655
KW ION-C,D	Up to 62	Any	158-1634B	158-8655
	Up to 90	Any	158-1634C	158-8655
ALL IKON	Up to 62	ProNautic	158-1634B	None
ALL FLEX	Up to 90	ProNautic	158-1634C	None



**ProNautic®
Chargers**

ProNautic® Chargers

Machine Type	115V AC	230V AC
ION-A,B	158-8476	158-8476E
ION-C,D	164-8471P	164-8471PE
ALL IKON ALL FLEX KW	164-8471	164-8471E

*This is a kit that includes the ProNautic® Charger along with the necessary hardware to convert your machine to an external charging unit as the internal unit is no longer available.

ProNautic DC Power Cord Assembly (6 ft. External)

164-8475



Battery Disconnect Housing - Red

158-1407 (1 ea.)



Charger or Machine Battery Disconnect Housing - Blue

158-1408 (1 ea.)



6 ga. Terminal - 158-1407A
10 ga. Terminal - 158-1407T

The disconnect housings automatically come with terminals for 10 ga. wire. If your lane machine has 6 ga. wire, order the 6 ga. terminals in addition to the housing.

CVR Replacement Kit (2016 FLEX and later)

164-8210

CVR Replacement Kit (KW and ION)

164-8083

Converted DC to DC Step Up Assembly - CVR (FX18-121 / FW18-182 and later)

164-8209

**CVRs for all ION and WALKER models
contact Kegel.**

CVR Fuse Adapter - 164-8206

Electrical Components



Power Cord Components

Description	115V AC	230V AC
Power Cord ION XF KP KK PX-C	154-8829	154-8830
Male Plug End (15A)	153-1025	153-1625
Male Plug End (20A)	153-1825	N/A
Female Twistlock Plug (15A)	153-1024	153-1624
Female Twistlock Plug (20A)	153-1822	153-1824
25' Charging Cord Assembly ION-A,B	158-8425	158-8425E



Push Button Replacements

Handle Button Replacement Assembly - 164-8013 - IKN | FLX
 Handle Button Replacement Assembly - 153-8424A - XF
 Handle Wire - 154-8893B - ION | KP
 Handle Button Replacement Assembly - 154-8824 - KK
 Power Up/Cleaner Test Button - 158-8439
 IKW | IKN | ALL FLEX | KW-C,D | ION-C,D

Head Motor 6.0µF Capacitor

154-1208 - KP | KK

Oil Pump Motor 1.5µF Capacitor

154-1208B - KP | KK

Breakers



Rocker Breaker 10A - 154-1272

Rocker Breaker 15A - 154-1610

Blade Type Fuses

Fuse 25A - 158-1439 for CVR - KW | ION

Fuse 30A - 164-1214 for CVR on VB Upgrade and

Pro Nautic® Charger - IKW | IKN | FXW | FLX

Fuse 40A - 158-1440 for IOTA® Battery Chargers

Maxi-Fuse 40A (for Fuse Link) - 158-1454 - ION

Fuse Link Assembly - 158-8421 - ION

Clear Cover for Electrical Panel

164-6183 - FW16-18 | FX16-18 | FXW | FLX

164-6062 - FW19-22 | FX19-22

164-6815 - IKW | IKN

Speed Control Cover

158-6702 - KW-C,D | ION-C,D

Replacement LED Light Kits

FLEX Arrow Light - 164-8079

Tank Light - 164-8024 - IKW | IKN | FW | FX | FXW | FLX

Fuse & Relay Kit

With these kits, you will have many of the small electronic pieces needed to keep you going. These kits contain all of the fuses used in the machine as well as fuse holders, spare relays, buttons, and switches.

154-8800F (115V AC)- KK-A,B

154-8800G (230V AC) - KK-A,B

154-8800J (115V AC)- KK-C

154-8800K (230V AC) - KK-C

154-8800R (115V AC) - KP

154-8800S (230V AC) - KP

154-8800C (115V AC) - XF

154-8800D (230V AC) - XF

158-8600F - KW-A,B | ION-A,B

158-8600G - KW-C,D | ION-C,D

164-8100F - FXW | FLX

164-8800F - IKW | IKN

Fuses

Panel Mount Fuse Holder (115V AC) - 153-1028

Fuse 0.5A (UL) - 154-1261

Fuse 0.5A Fast Acting (UL) - 154-1275

Fuse 0.75A (UL) - 154-1262

Fuse 1A (MDL) Ceramic - 155-1229C

Fuse 1.8A (UL) - 154-1265

Fuse 2.25A (UL) - 154-1266

Fuse 3.2A (UL) - 154-1267

Fuse 4A (UL) Ceramic - 154-1268C

Fuse 4A (UL) - 154-1268

Fuse 7.5A (UL) - 154-1270

Fuse 8A (UL) Ceramic - 154-1270C

Fuse 10A (UL) - 154-1273

Fuse 12A (UL) - 164-1269

Fuse 20A (UL) Ceramic - 154-1274C

Fuse 20A (UL) - 154-1274

Fuse 25A (MDA) Ceramic - 164-1222

Panel Mount Fuse Holder (230V AC) - 153-1028E

Fuse 315mA (IEC - 230V AC) - 154-1260E

Fuse 500mA (IEC - 230V AC) - 154-1261E

Fuse 1A (IEC - 230V AC) - 154-1264E

Fuse 1.6A (IEC - 230V AC) - 154-1265E

Fuse 4A (IEC - 230V AC) - 154-1267E

Fuse 6.3A (IEC - 230V AC) Ceramic - 154-1269C

Vacuum Motor Fuse Holder Kit (30A) - 164-8848

Buffer Motor Fuse Holder Kit (30A) - 164-8849

Vacuum & Buffer Motor

Fuse Holder (30A) - 164-8847

Electrical Components

Omron® Brand Relays



LY2 Relay
153-1016D (24V DC Coil)
LY2 Relay
153-1016 (115V AC)
153-1616 (230V AC)



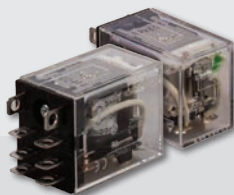
LY3 Relay
153-1018 (115V AC)
153-1618 (230V AC)



LY4 Relay
153-1406 (115V AC)
154-1611 (230V AC)



MY4 Relay
(24V DC)
158-1427

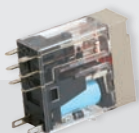


DPDT 10A
158-1462



PLC Output Relay (Short)
153-1032 (for Output Module OC221/OC222)
PLC Output Relay (Tall)
154-1215 (24V DC Coil - for Output Module OC222 only)

Omron® Relays for Sport Edition / FLEX / IKON Models



24V DC DPDT
158-1458



Solid State
158-1460



Super MY4 24V DC
(with Diode)
158-1463



LY3 Relay
(24V DC)
164-1231

Phoenix® Brand Relays



Secondary Relay Assembly
(24V DC)
154-1835 - KP | KK



2 Pole Relay
(10A - 24V DC)
158-1420G

Automation Direct® Relays



2 Pole Relay
(15A - 24V DC)
158-1413

Buffer Motor Contactor

115V AC
153-1004A (Din Rail Mount)

230V AC
153-1604A (Din Rail Mount)

Other Electrical Components



Duster Microswitch
(Large) 154-1603
IKN | FXW | FLX | KW | ION |
KP | KK | PX-C



Duster Microswitch
(Small) 153-1202
XF | PX-A,B



**Microswitch
with Roller**
153-1203
for ALL Machines



Squeegee Microswitch
(Large) 154-1015
PX-C



Arc Suppressor
158-1438

15K Resistor
(for cleaner speed control)
154-8848R



Proximity Sensor
154-1220

Proximity Sensor
158-1208 - XF-A



Contactor 24V DC
158-1465 - IKN | FXW | FLX
KW C,D | ION C,D
(Vacuum & Auto Shutdown
Relay)



Red Push Button
(Normally Open)
153-1408



Horsepower Resistor
0.025 Ω - 153-1015A
Horsepower Resistor
0.050 Ω - 153-1015



E-Stop Assembly for FLEX/IKON - 164-1223
(Includes Breaker, Black Box sold separately)
E-Stop Black Box for FLEX/IKON - 164-6161
FLEX E-Stop Breaker - 164-1223B
Prior to serial #FLX-17802 / FXW-13306 use part number 164-1223
(This will replace the discontinued Breaker and red triangle
shaped e-stop assembly)



2008 E-Stop (2-Hole Pattern)
154-1250A
Breaker for E-Stop
(2008 and later)
154-1251A

VOLTMETER TIPS



VOLTMETER SYMBOLS



**Alternating Current
V AC**
All 115V AC and 230V AC
machines that utilize a
power cord.



**Direct Current
V DC**
All battery operated
machines / also used to
drive AC powered machines.



Continuity Check
Used to inspect fuses and
circuitry. A beep will sound
when fuse or circuit is
closed.

BASIC VOLTMETER OPERATIONS

To check voltage:

1. Turn dial on the voltmeter to desired test.
2. Place each probe into the wires of the component you are testing and turn component on.

To check continuity:

1. Touch both probes together to inspect the voltmeter for proper function.
2. Place the test probes at each end of the circuit to be tested.
3. Voltmeter will sound if circuit is not broken. No sound if there is a break in the line.

TECH TIP:

Always inspect power cord ends and battery connections when electrical problems occur.

Electrical Components

MOLEX PLUGS

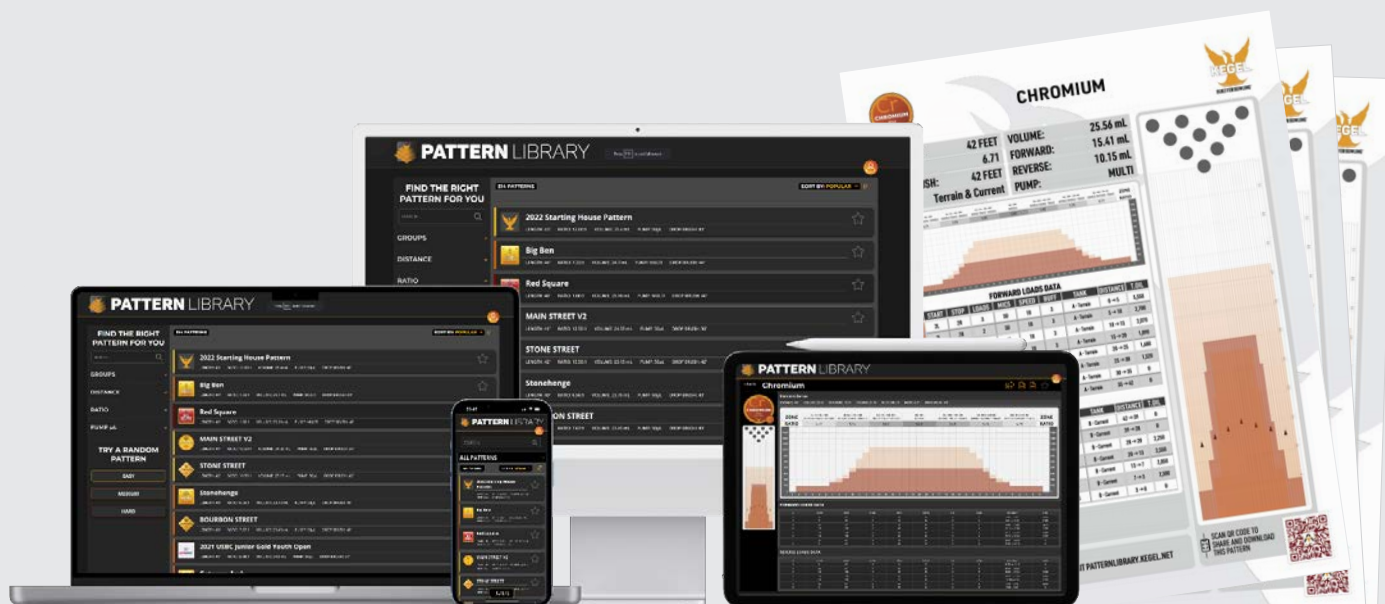


CONNECTOR	MALE	FEMALE
2 PIN	153-1041	153-1042
3 PIN	153-1044	153-1043
5 PIN	158-1206	158-1207
6 PIN	154-1231	154-1232
9 PIN	153-1039A	153-1040
12 PIN	153-1602A	153-1603
15 PIN	154-1807	154-1808
PINS	153-1046	153-1045
Pin Removal Tool		153-4002

HIGH AMP CONNECTORS



	PLUG	PIN
MALE	153-1063	153-1065
FEMALE	153-1064	153-1066



PATTERN LIBRARY

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...And more!

patternlibrary.kegel.net

Upgrades

DUO™ Transfer System

Transfer Brush System to DUO System
158-8430F

Smoother Pad Transfer System to DUO System
158-8430N - Only painted machines with transfer roller



Complete Squeegee Cartridge Assembly
164-8038

Handle Mount Kit
164-8253- IKN | FLX

Handle Reinforcement Kit
154-8284 - ION A,B | KP | KK

Crossfire Upgrades

Complete Upgrade - Includes 8 Wicks with Cam Roller and Large Conditioner Supply Tank
158-8241 (115V AC) | 158-8241E (230V AC)

Conditioner Tank Upgrade
158-8215 (115V AC) | 158-8215E (230V AC)

8 Pad Wick & Cam Kit - 158-8214



Fail Safe Beam - 164-8827 - FXW | FLX

Sub Tank Upgrade - 164-8215
All FLEX Machines

Kustodian Upgrades

Head Relay Upgrade Kit
154-8853C - KK-C

Drop Brush Upgrade Kit
154-8853Z - KP

Kustodian Model A to C Upgrade Kit - 154-8870
Serial Number: KK-0600 through KK-0810

Kustodian Model B to C Upgrade Kit - 154-8871
Serial Number: KK-0811 through KK-0987



Spray Pressure Regulator Upgrade
154-8268



Spray Jet Cup Assembly Upgrade
154-8692

Duster Plug Stud Kit (Set)
164-8817

Cushion Roller Arm Stud Kit (Set)
164-8822

Wheel Upgrades



6" Front Wheel Upgrade
Large 6" front wheel helps the lane machine transition on and off the lane with ease.
158-8733 ION | KP-B

3" Caster Upgrade
Dual 3" rear casters allow for better machine transition on and off the lane.
158-8731 KW | ION-C,D
158-8732 ION-A,B | KP-B

LED Light Upgrade Kit for Supply Tanks

Easily monitor the level of supplies on machines with plastic molded tanks with this light that automatically illuminates when the splash guard is opened.
158-8672 KW | ION | KP-A,B

Miscellaneous

Non-Adjustable Guide Rollers

Guide Roller - 153-8410
Guide Roller Shoulder Bolt - 153-2407
Guide Roller Mounting Bar - 153-6417
Guide Roller Spring - 153-2401
Plain Bushing - 153-9034
Flange Bushing - 153-9803

Adjustable Guide Rollers

Complete Front Assembly - 164-8846
Front Wheel Only (for 164-8846) - 164-8845

Complete Rear Assembly Black
164-8816 - all IKON and FLEX machines
Rear Wheel Only Black - 164-8815
Compression Spring - 164-2099
Complete Rear Guide Wheel Assembly White
158-8642 - KW-C,D | ION-C,D

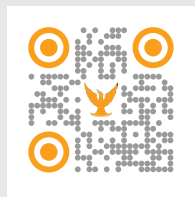


Replacement Guide Rollers for 158-8643

Front Wheel Only - 158-8637
Rear Wheel Only - 158-8636

Tune Up Kits

IKW | IKN - 164-8800
FW19-22 | FX19-22 - 164-8030B
FW16-18 | FX16-18 - 164-8030A
FXW | FLX - 164-8030
KW - 158-8628
ION - 158-8428
KP (115V AC) - 154-8686
KP (230V AC) - 154-8687
KK | PX-C (115V AC) - 154-8888
KK | PX-C (230V AC) - 154-8888E
XF (115V AC) - 158-8288
XF (230V AC) - 158-8288E



Get more
information
about
Tune-Up Kits

Replacement Felt

Felt (1/8" x 3") - (Sold by the Inch) - 154-0228S
Felt (1/8" x 9") - (Sold by the Inch) - 154-0628S
Felt Strip on Splash Guard Tank - 154-8333 - PX-C Only
Felt Kit for Transfer and Spray Jet Wall - 154-8669 - KK
Felt Strip for Transfer Wall - 154-8669A - KW | ION | KP
Felt Kit - 164-8212 - FXW | FLX

Momentary Wheel Assembly



Wheel - 153-7005R
Shaft - 153-6006
Housing - 153-6029

Caster Wheels

Lane to Lane 2" Caster
153-0812A (Wheel Only)
Lane to Lane 2" Caster Replacement
158-8222 (all models prior to 2019)



Lane to Lane 3" Caster
164-0022 - IKW | IKN | FX



Transport Caster
3" Dual Wheel (Black) - 153-0001BK
3" Dual Wheel (Gray) - 153-0001

Whiskers



Black Vinyl Cap - 153-2941 - IKW | FW | FXW | KW
Whisker Assembly
Left Whisker - 164-8824 - IKW | FW | FXW | KW
Right Whisker - 164-8825 - IKW | FW | FXW | KW
Left & Right Whisker only - 158-8624
IKW | FW | FXW | KW

Upgraded Whisker Assembly - 164-8826 - FXW | KW

Wicks



Glueless Wick Plate Assembly

3.125" - 153-8123

Only Compatible with PX-C

3.125" - 158-8223

Only Compatible with XF



5.125" - 153-8125

Only Compatible with PX-C

5.125" - 158-8225

Only Compatible with XF



7.125" - 153-8127

Only Compatible with PX-C

7.125" - 158-8227

Only Compatible with XF

10.125" - 158-8230

Only Compatible with XF

Not Pictured

45" Wick Material for Glueless Wicks - 153-0005B (5")

Wick Material Stock for Glueless Wicks - 153-0005D - XF

(Custom cut to be purchased by the inch)



Wick Spring (XF Only) - 153-2740

Solenoid Cable Assembly 8.25"
153-8812A (PX-C)

Transfer Roller Motors

153-8828 - 115V AC - XF

153-8829 - 230V AC - XF

154-8332 - 115V AC - PX-C

154-8332E - 230V AC - PX-C

**Kegel
Pinsetter
Parts
backed by
a 2 Year
Warranty**

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TRIED
PINSETTER PARTS
FROM KEGEL?**

**SCAN FOR
PINSETTER PARTS
CATALOG**



Fittings



Elbow

1/4" Tube x 1/4" Tube - 154-0243



Elbow

3/8" x 3/8" - 154-0256



Elbow

3/8" NPT x 1/4" Tube - 154-0412
3/8" NPT x 3/8" Tube - 154-0803



Elbow

3/8" Tube x 1/4" NPT - 154-0225
1/4" Tube x 1/4" NPT - 154-0223



Elbow

1/4" Stem x 1/4" Hose Barb
154-0226



Elbow

1/4" Stem to 5/16" Hose Barb
154-0227



Elbow

3/8" Stem to 5/16" Hose Barb
154-0239



Elbow

3/8" Stem x 3/8" Tube - 154-0258
3/8" Stem x 1/4" Tube - 158-1214



Elbow

1/4" Stem x 1/4" Tube
154-0222



Elbow

1/8" NPT x 3/16" Tube
154-0613



Reducing Union

1/4" x 3/16" - 154-0248
3/8" to 1/4" - 154-0244



Bulkhead Union

3/8" x 3/8" - 154-0285
1/4" x 1/4" - 154-0221



Union

1/4" x 1/4" - 154-0241



Union Tee

1/4" Tube - 153-0815



Male Connector

1/4" Tube x 1/8" NPT - 154-0224
1/4" Tube x 1/4" NPTF - 154-0858
3/8" Tube x 1/4" NPT - 154-0814



Female Connector

1/4" Tube x 1/8" FPT - 154-0257



Union Tee

3/8" Tube - 154-0815



In-line Coupler

1/8" - 154-0230



Stem Adapter

1/4" NPT x 1/4" Stem
154-0243S



Male Connector

1/2" Tube x 1/2" NPT (Drilled)
154-0232D



Tank Plug

1/4" - 154-0245
3/8" - 153-1054
1/2" - 154-0231



O-Ring for Fitting

1/4" - 154-0287A
3/8" - 154-0287B
1/2" - 154-0287C






Two-Way Divider




1/4" Tube - 164-0201

Hardware







HEX HEAD CAP SCREWS

					
1/4		5/16		3/8	
7/8"	153-2052	1"	153-2061	1"	153-2066
1"	153-2053	1 1/4"	153-2062	1 1/4"	153-2067
1 1/4"	153-2054			1 1/2"	153-2068
1 1/2"	153-2055			2"	153-2069








MACHINE SCREWS PHILLIPS

					
# 6		# 8		# 10	
1/2"	153-2081	5/8"	153-2086	3/4"	153-2091
7/8"	153-2083	3/8"	153-2086A	1"	153-2092
1"	153-2084	3/4"	153-2087		
1 1/4"	153-2085	1"	153-2089		
		1 1/2"	153-2090		

WASHERS

		FLAT	LOCK
	#6	153-2001	
	#8	153-2002	
	#10	153-2003	153-2013
	1/4	153-2004	153-2014
	5/16	153-2005	153-2015
	3/8	153-2006	153-2016

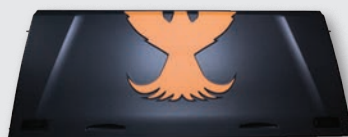
HEX NUTS

		STANDARD	NYLOK	JAM
	#6		153-2018	
	#8		153-2019	
	#10	153-2022	153-2208	153-2524
	1/4	153-2023	153-2020	153-2304
	5/16	153-2024	153-2735	5/16-18 153-2027A 5/16-24 153-2214
	3/8	153-2025	153-2021	153-2027
	1/2	153-2026		

NYLON WASHERS

1/4 X 0.060	153-2510
1/4 X 0.030	153-2510A
5/16 X 0.060	153-2709
3/8 X 0.030	153-2531
3/4 X 1/16	153-2939
3/4 X 1/8	153-2938

Lids & Side Guards



FLEX 2013-2015 Model

Cleaner Compartment Lid - Red - 164-8031F
Cleaner Lid Compartment - Black - 164-8033F
Cleaner Lid Compartment - White - 164-8035F
Cleaner Lid Compartment - Blue - 164-8037F
Oil Compartment Lid - Red - 164-8031
Oil Compartment Lid - Black - 164-8033
Oil Compartment Lid - White - 164-8035
Oil Compartment Lid - Blue - 164-8037
Upper Right Guard - Non Walker - 164-6732-xxxx
Upper Left Guard - Non Walker - 164-6733-xxxx
Lower Right Guard - Non Walker - 164-8076-xxxx
Lower Left Guard - Non Walker - 164-8077-xxxx
Rear Panel - Non Walker - 164-8049-xxxx
Right Guard - Walker - 164-8074-xxxx
Left Guard - Walker - 164-8075-xxxx
Rear Panel - Walker - 164-8048-xxxx
Front Bumper - 164-8047-xxxx

IKON Model (ALL)

Cleaner Compartment Lid - 164-8801
Oil Compartment Lid - 164-8802
Upper Right Guard - Non Walker - 164-8811
Upper Left Guard - Non Walker - 164-8812
Lower Right Guard - Non Walker - 164-8809
Lower Left Guard - Non Walker - 164-8810
Rear Panel - Non Walker - 164-8808
Right Guard - Walker - 164-8233-2133
Left Guard - Walker - 164-8232-2133
Rear Panel - Walker - 164-8830
Front Bumper - 164-8804

Replacement Machine Rear Frame Panels

FW | FX - 164-6004B-2850
IKW | IKN - 164-6806-2850
FXW | FLX - 164-6004-2850
KW-C,D - 158-6672-2850
KW-A,B - 154-6860B-2915
ION-C,D - 158-6672-2911
ION-B - 154-6860B-2911
XF - 158-6205-2133
KP-B - 154-6860B-2915

FLEX 2016+ Model

Cleaner Compartment Lid - 164-8230-xxxx
Oil Compartment Lid - 164-8231-xxxx
Upper Right Guard - Non Walker - 164-6732-xxxx
Upper Left Guard - Non Walker - 164-6733-xxxx
Lower Right Guard - Non Walker - 164-8235-xxxx
Lower Left Guard - Non Walker - 164-8234-xxxx
Rear Panel - Non Walker - 164-8049-xxxx
Right Guard - Walker - 164-8233-xxxx
Left Guard - Walker - 164-8232-xxxx
Rear Panel - Walker - 164-8048-xxxx
Front Bumper - 164-8236-xxxx

COLOR CODES

BLUE	1525
BLACK	2850
RED	2911
WHITE	NO CODE

To order the correct color, place the color code number after the part number anywhere "xxxx" is listed.

KW | ION | XF | KP-B

Left Guard - KW - 158-6651
Right Guard - KW - 158-6650
Left Guard - ION-A,B | KP-B - 158-6418
Right Guard - ION-A,B | KP-B - 158-6419
Left Guard - ION-C,D - 158-6712
Right Guard - ION-C,D - 158-6711
Left Guard - XF - 158-6248
Right Guard - XF - 158-6249
Complete Lid - KP - 154-8892

Replacement Parts

Black Head Lid Decal - 164-0014
Black Tail Lid Decal - 164-0015
Silver Head Lid Decal - 164-0016
Silver Tail Lid Decal - 164-0017
FLEX Rear Wall Decals - 164-0008 (F-L-E) & 164-0009 (X)
Orange Head Lid Decal - 164-00140-714C
Orange Tail Lid Decal - 164-00150-714C
IKON Rear Wall Decals - Non Walker - 164-00230-714C (I-O-N) & 164-0024 (K)
IKON Rear Wall Decals - Walker - 164-0023W (I-O-N) & 164-0024 (K)
FLEX 13-15 Model Right Lid Track - 164-6118
FLEX 13-15 Model Left Lid Track - 164-6119
FLEX 16+ & IKON Model Right Lid Track - 164-6118A
FLEX 16+ & IKON Model Left Lid Track - 164-6119A
Lid Shim - 164-6170
Modified Spring Plunger - 164-2069M
FLEX 13-15 Model Left Cable Reels - 164-8039
FLEX 13-15 Model Right Cable Reels - 164-8040
FLEX 13-15 Model Lid Pivot Arm Plate (x2) - 164-8050A
FLEX 13-15 Model Right Pivot Arm - 164-6100A
FLEX 13-15 Model Left Pivot Arm - 164-6101A
Detent-Spring Plunger 3/8-16 Thread - 164-2002



**Flange Quarter
Turn Lid Latch**
154-0805



**Straight Quarter
Turn Lid Latch**
(With Slot) - 154-0804



Flush Mount Lid Latch
(With Lock) - 153-2232L



Push Latch with Key
154-0881

Drive Components

Drive Motors

24V DC (Bodine® 1.5" Shaft) - 164-8602B - IKN | ION-A,B
24V DC (Bodine® 2.5" Shaft) - 164-8602 - IKW (Left) | FW (Left) | FXW (Both) | FLX (Right) | KW-A,B | ION-C,D
24V DC (Bodine® 4.25" Shaft) - 164-8602A - IKW (Right) | FW (Right) | FX (Right)
90V DC (Baldor® to Groschopp® Kit) - 158-8260K - XF | KP | KK | PX-C
90V DC (Direct Replacement for Groschopp®) - 158-8260 - XF | KP | KK | PX-C
(If machine already has the Groschopp® motor then motor is only needed)
(Kit is needed when going from a Baldor® Drive Motor to the new Bodine® Drive Motor - NOT needed for 158-8260K)

Drive Motor Brushes

Bodine® - 164-1246
Groschopp® - 158-1260B

Conversion Kits for going to Bodine® Motors

Bodine Drive/Buffer Motor Replacement Hardware Kit - 164-8250 - IKN | FW | FX | ION-A,B
Bodine Drive Motor Replacement Hardware Kit with Brackets - 164-8251 - FW (Both) | FXW (Both) | KW | ION-C,D
(Kit is needed when going from a Baldor® Drive Motor to the new Bodine® Drive Motor - NOT needed for 158-8260K)

Baldor® Motor Replacements Parts (Drive, Standard Buff and Variable Buff)

Real Seal - 154-1809D

Front Seal (Shaft Side) - 154-1809E

24V DC Drive/Variable Buff Motor Brushes - 158-1405B

24V DC Buffer Motor Brushes - 158-1406B

90V DC Motor Brushes - 154-1809B

Note: The Baldor® motors were discontinued and replaced with the current Bodine® motors

Speed Control Boards

164-8828 – IKW | ALL FLEX

164-8807 – IKN

158-8412 – ION-A,B

164-1242A – ALL KW | ION-C,D (RAW BOARD used in 164-8828)

158-1410 – RAW BOARD used in 158-8412

153-1012 (115V AC) – KP | KK | PX-C

153-1812 (230V AC) – KP | KK | PX-C

158-1212R (115v-230V AC) – XF

Circuit Board with Speed Relays

154-8810 (115V AC) – KP | KK

154-8811 (230V AC) – KP | KK

158-8409 (24V DC) – ION-A,B

CHAINS & ACCESSORIES				
DESCRIPTION	IKW	FLEX 13-15	FLEX 16 AND UP	KW
MAIN DRIVE	NA	154-9601 (40P41)	154-9601 (40P41)	158-9612 (40P43R)
LEFT SIDE ZTR	164-9018 (40P23)	153-9814 (40P33)	153-9044A (40P29)	158-9609 (40P55R)
RIGHT SIDE ZTR	153-9044A (40P29)	153-9444 (40P31)	164-9018 (40P23)	158-9609 (40P55R)
ZTR DRIVES ZTR WHEELS	NA	164-9005 (35P67)	164-9005 (35P67)	NA
SMALL ZTR DRIVES 6 TOOTH STAR	NA	164-9004 (25P55)	NA	158-9607
SPROCKET DUPLEX FOR ZTR	NA	164-9002	NA	NA
SECONDARY DRIVE	NA	164-9010 (35P83)	NA	NA
SECONDARY DRIVE SPROCKET	NA	164-9011	NA	NA
SECONDARY REAR DRIVE IDLER SPROCKET	NA	164-8005	NA	NA
ZTR KICKUP	164-9005 (35P67)	NA	NA	NA

MAIN DRIVE CHAINS	
MACHINE	PART #
IKON	154-9601 (40P41)
ION SPORT	158-9612 (40P43R)
ION B	158-9405 (40P45R)
KUSTODIAN PLUS	153-9814 (40P33)
KUSTODIAN	153-9814 (40P33)
CROSSFIRE	158-9203 (40P39)

MASTER LINKS	PART #	OFFSET LINKS
#25	153-9045	NA
#35	153-9046	158-9022
#40	153-9047	153-9048

Chains may require master and half links. Please contact Kegel with any questions.



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