



LIFTSUIT
*IMPROVING THE BAGGAGE
HANDLER EMPLOYEE EXPERIENCE*



MUSCULOSKELETAL INJURIES ARE THE #1 SOURCE OF INJURIES FOR BAGGAGE HANDLERS

1 IN 12 BAGGAGE HANDLERS
EXPERIENCES BACK INJURIES

A baggage handler wearing a high-visibility yellow and grey jacket is working on a baggage carousel at an airport. The carousel is filled with various pieces of luggage. The background shows the airport terminal building.

**ON AVERAGE A BAGGAGE HANDLER
LIFTS 4-5 TONS PER DAY, SOME
DAYS UP TO 10 TONS**

**AIRLINES ALLOW CHECKED BAGS
UP TO 32KG**



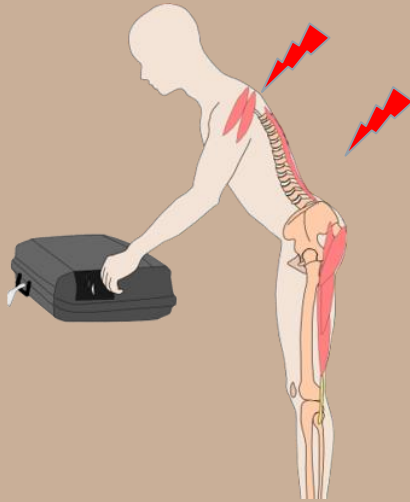
MAXIMUM CAPACITY 4,720 LBS/2,140 KG
SEE INFORMATION ON BOARD

**AIRCRAFT BULK HOLD CEILING HEIGHT
WILL CONTINUE TO BE LIMITED TO
1 METER IN HEIGHT FOR DECADES**



**IN COOPERATION WITH AUXIVO,
SWISSPORT HAS DEVELOPED A SOLUTION
TO PREVENT AND REDUCE
MUSCULOSKELETAL INJURIES**

INTRODUCING THE LIFTSUIT



Fatigue, pain, injury



Reducing and rerouting the load

THE LIFT SUIT STORES ENERGY BENDING DOWN...



...AND USES THIS ENERGY TO PULL THE USER AND LOAD BACK UP

BENEFITS IN BOTH THE BAGGAGE HALL AND BULK LOADING



Reduced fatigue

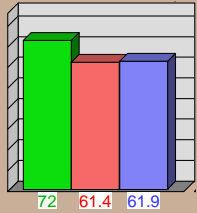


Reduced
injury rates

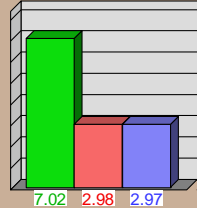


Employee satisfaction
and retention

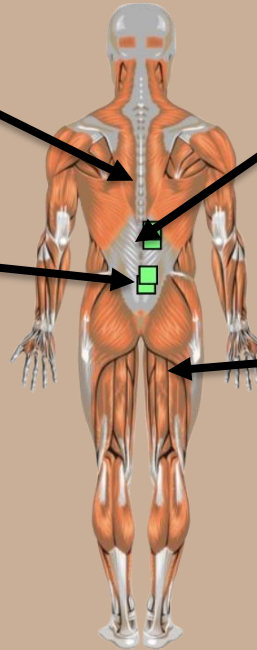
TEST HAVE SHOWN THAT USING THE SUIT CAN REDUCE MUSCLE ACTIVITY UP TO 50%



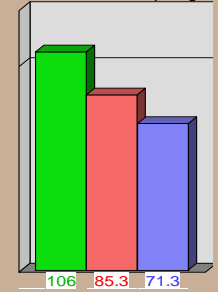
M. erector spinae
15% reduction



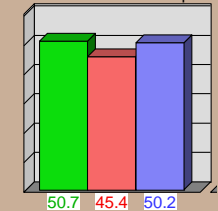
M. glutaesus maximus
> 50% reduction



M. Multifidi
30% reduction



M. biceps femoris
10% reduction



A PRAGMATIC SOLUTION TO IMPROVE THE EMPLOYEE EXPERIENCE



COMFORT

Liftsuit is worn comfortably on the body and does not add heat



EASY

Barely any instructions are needed



QUICK

Worker can get in/out of the Liftsuit within seconds



EFFECTIVE

Low-tech solution that delivers results



LOW MAINTENANCE

No upgrades, updates or bug fixes required



PRICE

Competitive unit cost to ensure it becomes part of standard Personal Protection Equipment

CONTACT US TO LEARN MORE

Florian Eggenschwiler

Head of Innovation

Swissport International

Florian.Eggenschwiler@swissport.com

