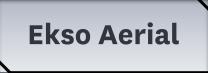
# **EKSO BIONICS**





# **EKSO ZEROG4 PRODUCTS**





# Ekso Scaffolding



**PRIMARY TOOLS** 



# **EKSO ZeroG Arm**



# **APPLICATIONS**

Concrete Chipping Concrete Demo



Refractory/Coke Chipping Epoxy Floor Removal



Metal Grinding Metal Finishing



Vertical/Horizontal Dowling Hammer Drilling/Bushing



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Concrete Grinding Sack & Patch



# **CONSTRUCTION – CONCRETE DEMO**

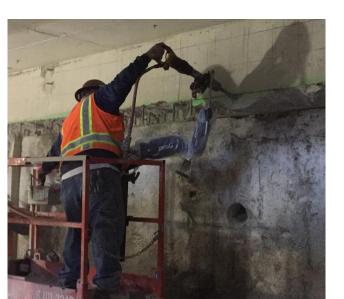


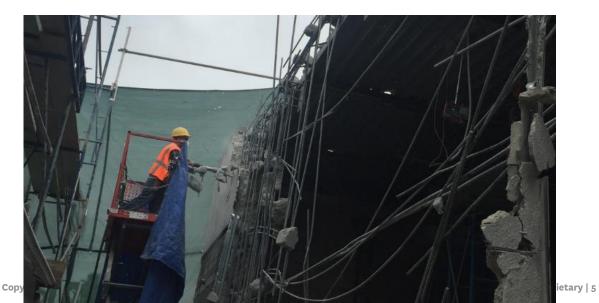
#### **BENEFITS**

- 2x to 3x Productivity
- Fatigue Reduction
- Less Body Breakdown
- Worker Satisfaction



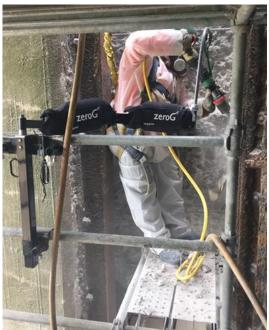






# **DEMO – SCAFFOLDING SOLUTIONS**





Conowingo Dam Restoration Project GC: Nooter Conowingo, MD



Grand River Dam Restoration Project GC: Siemens Chouteau, OK

# **INDUSTRIAL – REFRACTORY DEMO/TURN AROUNDS**

# ekso





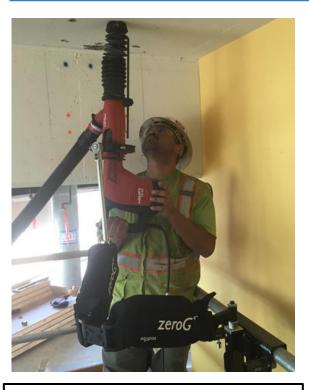
- Original Schedule 12 12 Hour Shifts
- Actual w/ Ekso 6 Shifts
- 50% Schedule Reduction
- \$85k in Labor Savings
- Fatigue Reduction
- Less Body Breakdown
- Worker Satisfaction

#### Overhead demo with Sling

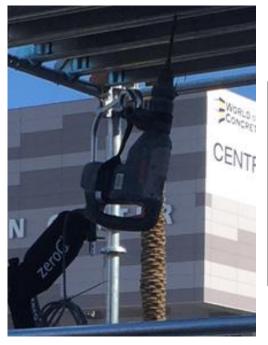


# **VERTICAL DOWLING/HAMMER DRILLING**





Vertical Drilling w/ Dust Extraction Ring tool Holder Stanford University Hospital



Vertical Drilling Sling Tool Holder

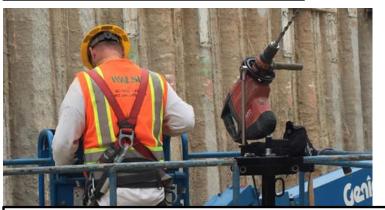
#### Stanford Hospital Renovation

- 2500 Vertical Holes
- 4x Productivity with Ekso
- Fatigue Reduction
- Less Pain in Shoulder
- Schedule Savings 2 Weeks

# HORIZONTAL DOWLING/HAMMER DRILLING



#### Horizontal Drilling w/ 2 Slings



# Horizontal Drilling w/ Ring Tool Holder



Neil Young General Superintendent/Project...

I recently introduced my concrete sub to some new technology- the Ekso arm. The same folks that designed the Ekso skeleton for assisting the physically impaired in walking make this industrial device. Previously, it took two men to drill

horizontal holes in deck. One operated drill, second held and guided drill on shoulder. Very unsafe! At high tongue if you hit rebar, drill body would spin suddenly and cause

severe injury. Now, one man operates safely and precisely. They use half the manpower and currently are producing nearly twice the output in same time frame. And it's SAFER!

Keep the new tech coming!!

-

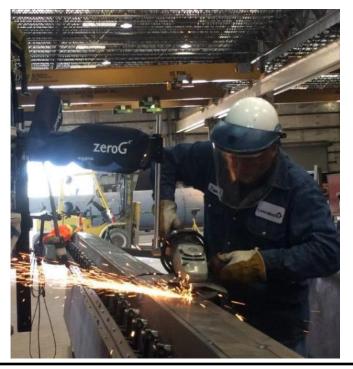








# **GRINDING & FASTENING**



# Landmark

- Metal finishing Application
- Improved Schedule 50%
- Reduced Operator Fatigue
- Less Shoulder/Neck Stiffness



### Fastening – Industrial Boilermakers

- 2x Productivity
- Reduced Operator Fatigue
- Less Body Soreness





