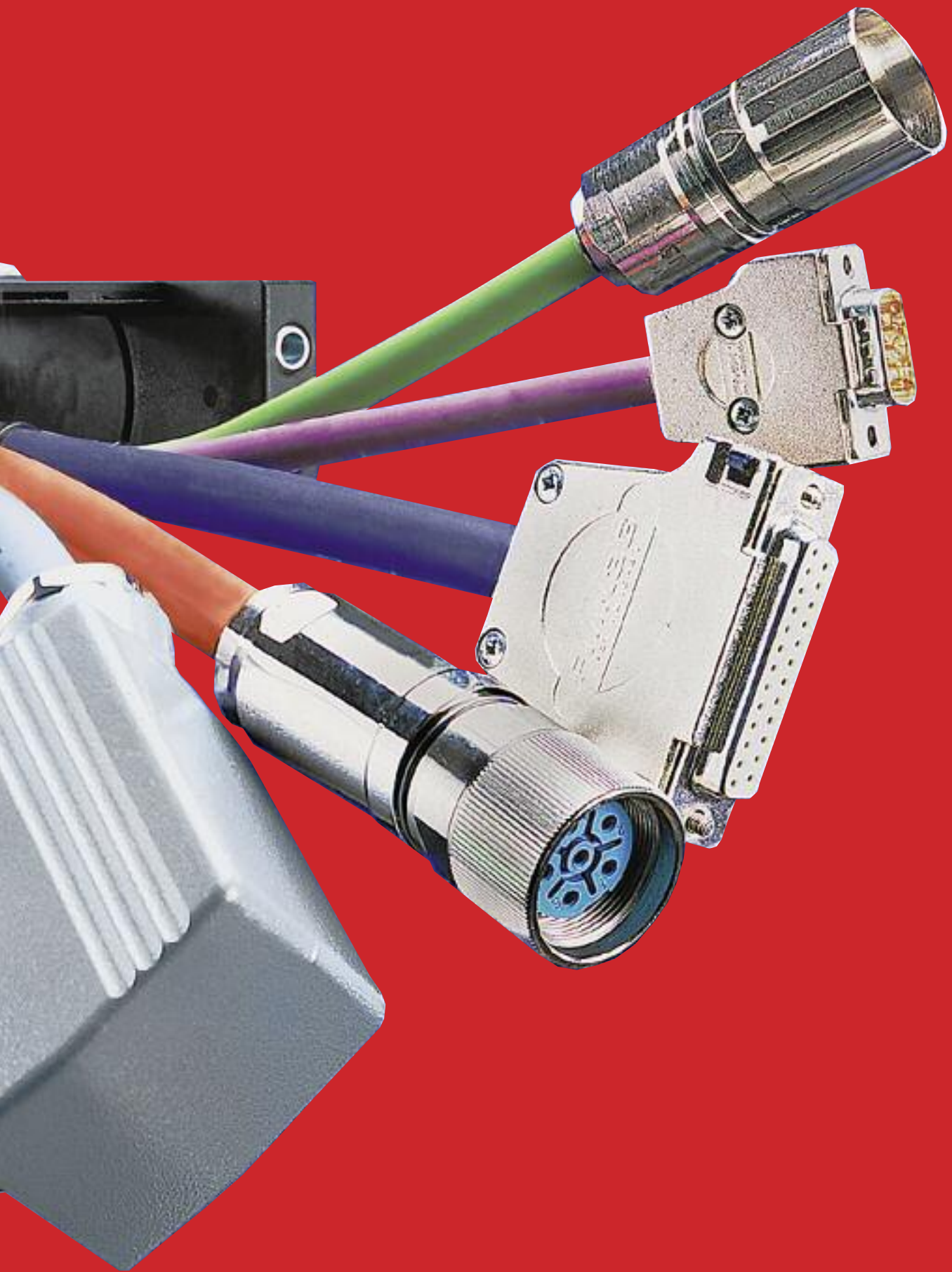


ReadyChain[®]





What is ReadyChain®?

Just open the box,
plug in the cables...



and in minutes your Energy
Chain System® is ready to
supply power to your
machine.

Think of it as
“Assembly Instructions
NOT Included”

With an igus® ReadyChain® assembly, instructions are a thing of the past. Customers receive a complete out-of-the-box solution: no assembly required.

- No more fumbling with cables, attaching connectors and assembling separators, mounting brackets and other accessories: *with ReadyChain®, the connectors are already attached to the cables which are installed and separated in the required order within the carrier.*
- Stop spending valuable time assembling an Energy Chain System®: *now engineers can focus on what they were hired to do.*

Leave the assembly to the experts at igus dedicated to building and assembling your ReadyChain®.

ReadyChain® is a complete solution delivered into your hands for immediate installation. You'll save hours of time which can be better spent doing what you do best.

ReadyChain® Options

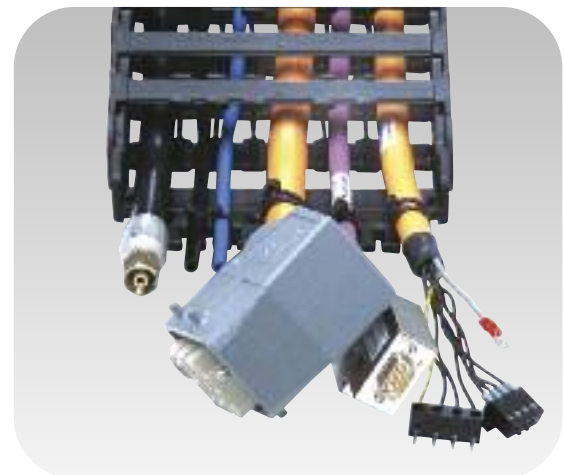
ReadyChain® Basic

igus® offers simple harnessing services comprised of just the Energy Chain® and Chainflex® cables.



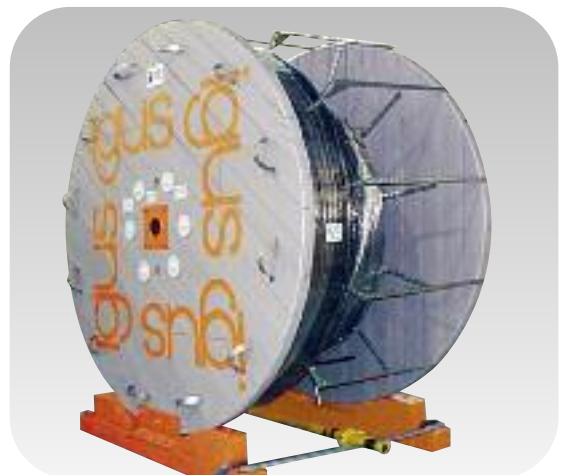
ReadyChain® Standard

We'll also provide a complete harnessed system, including cable carrier, cables, interior separation, connectors, guide trough and other accessories.



ReadyChain® Project

If you need a more complex solution, including a complete harnessed ReadyChain® with special parts (custom mounts, metal brackets etc.) for a structural attachment on a multi-axis installation, igus can deliver.



ReadyChain[®] Examples

for a wide variety of applications.



Assembly Line

This Energy Chain System[®] for automated assembly in an automotive plant includes Series 780 cable carrier, pneumatic hoses and connectors as one unit, assembled and shipped by igus[®].



Robotics

Energy Chain Systems[®] designed for robotic applications typically include the placement and harnessing of electrical cables, pneumatic hoses and liquid-extraction hoses. The cable carrier is also included and supplied from igus[®] stock.



Textile Machinery

In long-travel textile machinery applications, the Energy Chain System[®] typically consists of Series 250 Energy Chain[®], as well as Chainflex[®] CF31 power cables and CF5 control cables with connectors. The chain length here is approximately 89 ft (27 m) with 50 different configurations possible and just-in-time delivery. All carriers and cables are supplied from igus[®] stock.



Gantry Cranes

For this gantry crane application, 262 ft (80 m) of Series 4040 cable carrier, Chainflex[®] cables and interior separation are the basis of the Energy Chain System[®]. The drum on which the system is spooled for transportation is also included.

ReadyChain[®] Space Saver

A successful Application with igus[®] ReadyChain[®]

Company: Price Industries
Dutton, Mich.

Price Industries, a leading, full-service metal fabricator, uses igus[®] ReadyChain to save time and money on its high-speed cranes for the wet process industry

Application: Metal Fabricator

Price's automated cranes are used in a variety of industries to move process materials to and from storage, loading and unloading areas, and through product finishing process lines. The company was harnessing its own cable carrier systems, often wasting money in scrap and material drops which were also leading to production delays. Price was also wasting valuable engineering time on the assemblies.

The ReadyChain systems used by Price vary in size, but are generally comprised of a System E4 Energy Chain[®], which houses electrical cables and conductors and enables the crane to travel horizontally to distances in excess of 360 feet. Price chose System E4 Energy Chains[®] based on their noise reduction and long life.

Benefits:

- Increase in production throughput
- Just-in-time delivery
- Increase in valuable factory floor space by eliminating inventory
- Performance reliability

"We no longer have to devote manpower and engineering expertise to something that isn't our specialty. We know when igus builds our systems they will be built properly and to our specifications. Floor space is valuable, and on larger jobs building cable carrier systems frequently caused logistic and material flow problems. All of that is alleviated with ReadyChain."

— Sam Boeshart, Controls Engineering Manager, Price Industries



Applications

More examples of successful applications with igus® ReadyChain



igus® ReadyChain® used for GEORG disposal vehicle - tested quality under tough conditions



igus® ReadyChain® used for travel axles for 6-axes robots



igus® ReadyChain® for plastic processing machines



igus® ReadyChain® with industry connectors – faster start-up, simple assembly



igus® ReadyChain® used for a zigzag application of an illumination cross arm, Royal Opera, London



igus® ReadyChain® used for terotechnology – applications with different travels