

LiFLEX

- + HORIZONTAL MACHINING CENTERS
- + SINGLE AND TWIN SPINDLE
- + FOUR AND FIVE AXES

- + HORIZONTALE BEARBEITUNGSZENTREN
- + EIN- UND DOPPELSPINDLIG
- + VIER UND FÜNF ACHSEN



LOADING OPTIONS BELADEOPTIONEN



PALLET CHANGER PC
PALETTENWECHSLER PC



DIRECT LOADING DL
DIREKTBELADUNG DL



DOUBLE TRUNNION DT
DOPPELSCHWENKTRÄGER DT



MOTORIZED SPINDLES MOTORSPINDELN

85 Nm ... 500 Nm
HSK 63 + HSK 100
6000 + 8000 +
12000 + 16000 rpm



TRUNNIONS SCHWENKACHSEN

With 1 to 4 B-axes
Mit 1 bis 4 B-Planeten



HIGH SPEED MACHINING FOR LARGE WORK PIECES HOCHGESCHWINDIGKEIT FÜR GROSSE BAUTEILE

MACHINING CENTER LiFLEX I 12126

+ SINGLE SPINDLE + HORIZONTAL + FOUR (4) & FIVE (5) AXES

BEARBEITUNGSZENTRUM LiFLEX I 12126

+ EINSPINDLIG + HORIZONTAL + VIER (4) & FÜNF (5) ACHSEN

The new LiFLEX I 12126 is equipped with 4 or 5 axes, fast, stable and rigid in operation. Especially designed for machining of large structural components of aluminum and other light materials. The machining center is characterized by following features:

Die neue LiFLEX I 12126 arbeitet 4- bzw. 5-achsig, ist schnell, stabil, robust und v.a. auf die Bearbeitung von großen Strukturbauteilen aus Aluminium und anderem Leichtmaterial ausgelegt. Die Maschine zeichnet sich durch folgende Merkmale aus:

X = 1200 ... 2000 mm

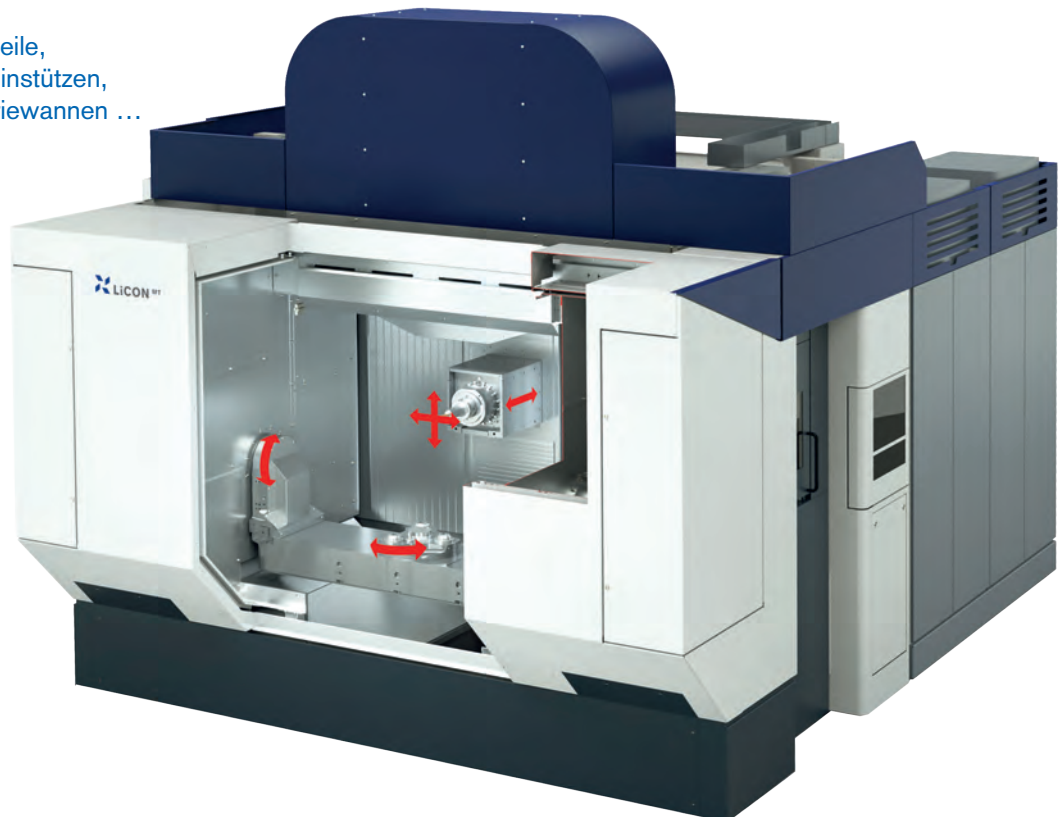
Y = 1200 mm

Z = 660 mm

V = 120 m/min

> Perfect for structural parts,
e.g. cradles, subframes,
carrier, tailgates, battery cases ...

> Optimal für Strukturteile,
z.B. Träger, Federbeinstützen,
Heckklappen, Batteriewannen ...



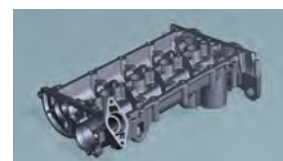
LiCON CUSTOMERS

LiCON KUNDEN

- AE Group
 - Audi
 - BMW
 - Bosch
 - Daimler
 - FAW
 - General Motors
 - GF Georg Fischer
 - Haldex
 - Hitachi
 - Honeywell
 - Huizhong
 - Jitong
 - Linamar
 - Magna
 - Saint Jean
 - Scania
 - Schweizer Group
 - TCG Unitech
 - VW Volkswagen
 - ZF
-

WORK PIECES

aluminum + magnesium + cast iron + forged steel
wet machining, minimum quantity lubrication (MQL),
dry machining



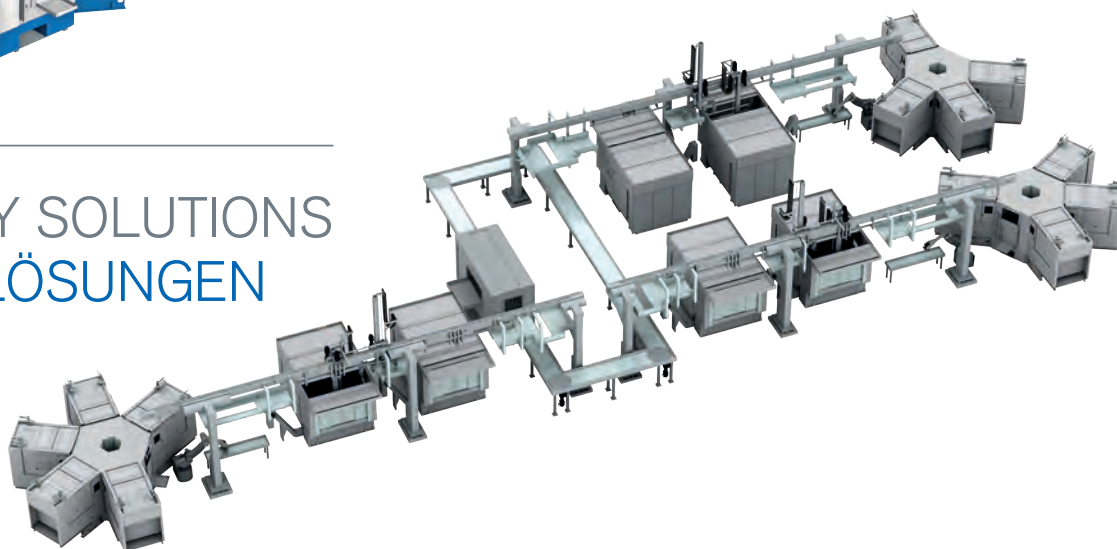
FLEXIBLE ROTARY MACHINES

FLEXIBLE RUNDTAKTMASCHINEN



TURN KEY SOLUTIONS

GESAMTLÖSUNGEN



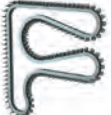
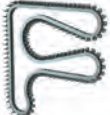
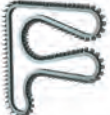
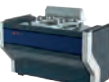
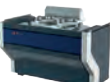
LiFLEX MACHINING CENTERS
LiFLEX BEARBEITUNGSZENTREN

Single Spindle Einspindlig



Twin Spindle
Doppelspindlig



MACHINE TYPE	LiFLEX I 744	LiFLEX I 1266	LiFLEX I 12126	LiFLEX I 20126	LiFLEX II 444	LiFLEX II 766	LiFLEX II 1066
Axes	4 axes / 5 axes	4 axes / 5 axes	4 axes / 5 axes	4 axes / 5 axes	4 axes / 5 axes	4 axes / 5 axes	4 axes / 5 axes
Achsen							
Spindle distance (mm)	—	—	—	—	450/400	750	1050
Spindelabstand (mm)							
Work travel (mm)	X=750 Y=470 Z=420	X=1200 Y=660 Z=650	X=1200 Y=1200 Z=650	X=2000 Y=1200 Z=650	X=450/400 Y=500/470 Z=420	X=750 Y=660 Z=650	X=1050 Y=660 Z=650
Arbeitshub (mm)							
i-Technology Independent Z Axes	—	—	—	—	i	i	i
i-Technologie Unabhängige Z Achsen							
i³-Technology Independent X, Y, Z Axes	—	—	—	—	—	i³	i³
i³-Technologie Unabh. X, Y, Z Achsen							
Spindle HSK	HSK 63 HSK 100	HSK 63 HSK 100	HSK 63	HSK 63	HSK 63 HSK 100	HSK 63 HSK 100	HSK 63 HSK 100
Spindel HSK							
Tool magazine 30 places					—	—	—
Werkzeugmagazin 30 Plätze							
Tool magazine 60 - 98 places							
Werkzeugmagazin 60 - 98 Plätze							
Tool magazine 120 - 160 places			—	—			
Werkzeugmagazin 120 - 160 Plätze							
Direct loading							
Direktbeladung							
Double trunnion	—	—	—	—			—
Doppelschwenkträger							
Pallet changer			—	—			
Palettenwechsler							



LiCON mt L.P.

2135 Bishop Circle Drive East,
Unit 1, Dexter, MI 48130
USA

Phone: +1.734.426.2240
info@licon.com



LiCON mt GmbH & Co. KG

Im Risstal 1
88471 Laupheim
Deutschland

Phone +49.7392.962.0
info@licon.com



LiCON mt Beijing

Room 1208 B Zone
No.122 Botai International Building
Nanhu Dongyuan Wangjing
Chaoyang District
Beijing, P.R. China
Phone: +86.10.6494-2043
info@licon.com



QUALITY PRODUCED IN GERMANY



LiCON mt GmbH & Co. KG

Headquarter Germany
Im Risstal 1
88471 Laupheim

Phone +49 7392 962 0
info@licon.com

WWW.LICON.COM