

İBKS®

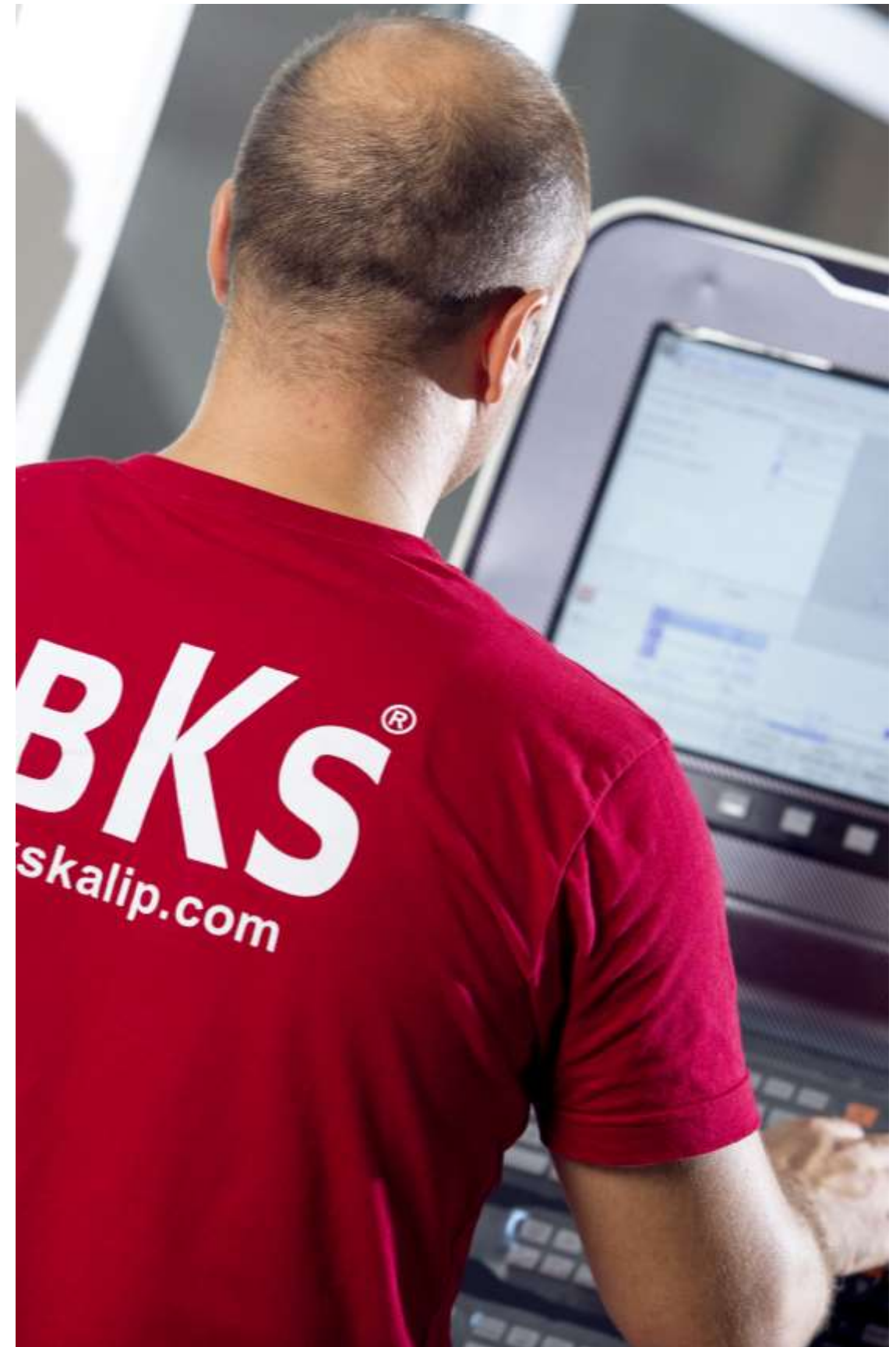
KALIP MAKİNA YEDEK PARÇA OTOMOTİV İNŞ. SAN. VE TİC. LTD. ŞTİ

ABOUT US

We are a 39-year-old "family" company operating since 1980.

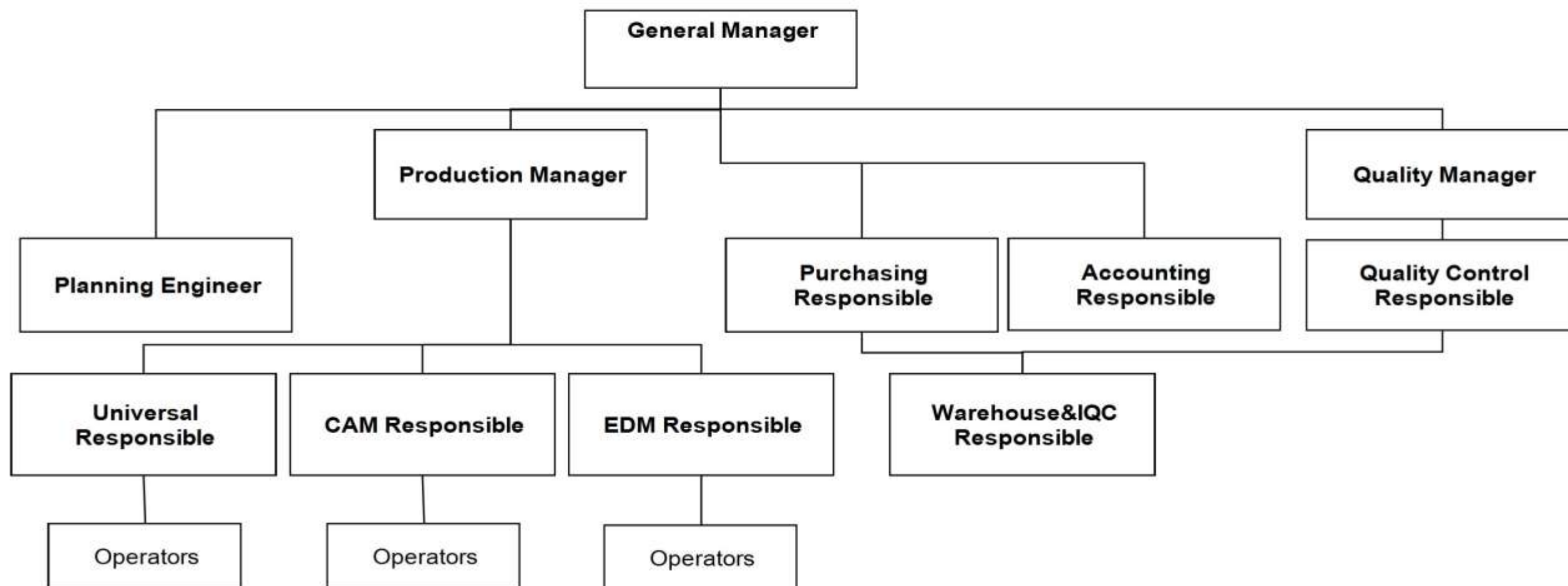
We blend theory and practice with our technical crew and engineers.

We see our employees as part of our family and support their development by continuous trainings.



ORGANIZATION

BKS	BKS Kalıp Mak. Yed. Par. Oto. İnş. San ve Tic. Ltd. Şti	Organization Chart
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PRODUCTION LIMITS



3 Axis CNC Dimension

X: 1270 mm Y: 635 mm Z: 610 mm



5 Axis CNC Dimension

Ø 800 mm Z: 520 mm



EDM Dimension

X: 600 mm Y: 400 mm Z: 350 mm

PRODUCTION LIMITS



Surface Grinding Dimension
X: 1000 mm Y: 500 mm Z: 500 mm



CMM Dimension&Precision
X: 700 mm Y: 700 mm Z: 1000
mm 2.3 + L/300 μ

CNC MACHINING PARKOUR



5 Axis DMG MORI CMX 70 U



3 Axis DMG MORI CMX 800 V



3 Axis LEADWELL V 50 L



3 Axis HAAS VF 2ss



3 Axis TOPPER QVM 1100

EDM PARKOUR



Sodick AG 600 L



SPM EZ 10S



Drilling OCCAIN GT3525 ZA

UNIVERSAL MACHINING PARKOUR



MILLING MACHINE - JETCO JBE 5M

MILLING MACHINE - BORA X6325W

MILLING MACHINE - LAGUNA S 4M

LATHE - BORA BTT

SURFACE GRINDIND MACHINE - TOWNHERO

COLUMN DRILL - SEVİNDİK

DRILL - ŞENEL MAKİNE M16

ECCENTRIC PRESS - DİRİNLER

SAW - KAR METAL 300 OSA

QUALITY



CMM HEXAGON

QUALITY



Hardness Measuring Device



Profile Projection

QUALITY



Coating Thickness Gauge



Surface Roughness Measuring Device

QUALITY

BKS		000002 091		ÜRETİM İŞ EMRİ											
PARÇA KODU:	3134365000000760000								İŞ EMRİ KODU:	000002 091					
PARÇA ADI:	PARÇA METAL BASKI TAKOZU								İŞ EMRİ MİKTAR:	5,00					
MÜŞTERİ:									PROJE NO:	902343 TE					
AÇIKLAMA:															
SAFHA NO	OPERASYON TANIMI	GKK RAPOR NO	PLAN. SÜRE	TEZGAH / İŞ MERKEZİ	PLAN MİKTAR	SÜRE DÜZELTME	BAŞL. TARİH / SAAT	BİTİŞ TARİH / SAAT	OPERATOR	DURUŞ KODU	DURUŞ SÜRESİ	HATA ADEDİ	HATA KODU	TAMAM MİKTAR	
0	HAMMADDE DOLU 34365 100x70x50	1134365010000700050			5,00										
1	OPERASYON Frezeleme	3305	00:50:00	FREZE - BORA BORA	5,00	—	15.09.19 08:00	17.09.19 08:30	Öğür	—	—	—	—	5	
2	OPERASYON CNC İşleme	3301	03:20:00	CNC 3 EKSEN - HAAS 3 HAAS	5,00	—	15.09.19 09:10	18.09.19 13:50	Altolil Kuzan	—	—	—	—	5	

Production Order

QUALITY

BKS		GİRİŞ KALİTE KONTROL RAPORU INITIAL INSPECTION REPORT				Tarih Date 17.05.19		Rapor No Report No 19.55.0258				
Malzeme/Parça No Material/Part No 113436501000070050				Tanım Description Hammade bolu 34365				Tedarikçi Supplier Emgo Aluminyum				
İrsaliye No Waybill No 13307		İrsaliye Adedi Waybill Quantity 1		Parti No Lot No 41962		Miktar Quantity 20		Birim Unit Adet				
Poz. No Pos. No	Ölçüler Dimensions		Ölçüm Aleti Measur. Equipment	Muayene Sonuçları Inspection Results								
	Alt Min.	Üst Max.		1	2	3	4	5	6	7	8	Sonuç Result
-	Ambalaj Kontrol		Göz	Yırtık, patlak, ambalajsız olmayacak. Adet, irsaliye, rapor, vb. tam olacak.								✓
-	Görsel Kontrol		Göz	Vuruk, çizik, kabarıklık, vb. hasar ve/veya hatalar olmayacak.								✓
	50	55	BKMO15	50	50	70						✓
	70	75	BKMO15	70	70	70						✓
	100	105	BKMO15	100	100	101						✓
EKLER Attachments			✓	İrsaliye Waybill	✓	Malzeme Raporu Material Report		Resim Drawing	✓	Satın Alma Siparişi Purchase Order		
KARAR Decision			✓	KABUL Accepted		RET Rejected		Şartlı Kabul Cond. Accepted				
Kalite Sorumlusu Quality Responsible			m		Açıklama Remarks							

F08.01.02


Incoming Quality Control Report

QUALITY


PROSES KALİTE KONTROL RAPORU														Parça No		İş Emri No	
														GTS 160203		000002091	
Poz. No	Ölçülen Değer	Makine	Operasyon	Tarih	Saat	Tarih	Saat	Tarih	Saat	Tarih	Saat	Tarih	Saat	Operatör	Ölçüm Aleti	Kalite Kontrol	Ölçüm Aleti
				18.09.19 10:50		18.09.19 11:35		18.09.19 12:30		18.09.19 13:10							
				1. Parça		2. Parça		3. Parça		4. Parça		5. Parça					
1	64.0	Topper	1	63.96	64.0	63.99	64.0	64.01	Halil Karaman	BKMOO3	63.99	BKMOO7					
2	88.0	Topper	1	88.01	88.0	88.01	88.0	88.01	Halil Karaman	BKMOO3	88.01	"					
3	21.5	Topper	2	21.51	21.5	21.49	21.5	21.49	Halil Karaman	BKMOO3	21.50	"					
4	14.5	Topper	1	14.46	14.47	14.48	14.47	14.48	Halil Karaman	BKMOO3	14.48	"					
5	16										15.98	"					
6	7.0										7.00	"					
7	44										44.01	"					
				KABUL													
				İLK NUMUNE ONAY													

Process Quality Control Report

QUALITY

		PARÇA ADI : GTS_16_03_02				Ekim 04, 2019		10:37	
REV NUMARASI : 00		SERİ NO : 000002 104 - BKS191004-02		İSTATİSTİK SAYIMI : 1					
MM		LOC1 - LIN5							
EKS	NOMINAL	+TOL	-TOL	ÖLÇM	SPM	TOLDIŞI			
Y	27.000	0.050	0.050	26.995	-0.005	0.000			
MM		LOC2 - LIN6							
EKS	NOMINAL	+TOL	-TOL	ÖLÇM	SPM	TOLDIŞI			
X	64.000	0.050	0.050	63.976	-0.024	0.000			
MM		LOC3 - CIR1							
EKS	NOMINAL	+TOL	-TOL	ÖLÇM	SPM	TOLDIŞI			
X	6.000	0.010	0.010	6.008	0.008	0.000			
Y	20.000	0.010	0.010	19.992	-0.008	0.000			
D	8.000	0.020	0.000	7.995	-0.005	0.005			
MM		LOC4 - CIR2							

CMM Report

		FİNAL KALİTE KONTROL RAPORU FINAL INSPECTION REPORT						Date 5-8-2019		Report No BKS190805-05		Page 1																	
Parça/Ürün No Part/Product No			Tanım Description			Müşteri Customer		İş Emri No Work Order No		Miktar Quantity		Numune Miktarı Sample Size																	
E38074273			CONNECTORE SUPPORT VW EVO			ELDOZ		000133 005		2																			
Poz. No Pos. No		Ölçüler Dimensions		Tolerans Tolerans		Ölçüm Aleti Meas. Equip.		Muayene Sonuçları Inspection Results																					
				Üst Max.		Alt Min.		1		2		3		4		5		6		7		8		9		10		Sonuç Result	
		71						BKMC05		71.02		71.03																OK	
		29						BKMC05		29.05		29.04																OK	
		64.0		+0.05		+0.03		CMM		64.038		64.034																OK	

Final Quality Control Report

CERTIFICATES



CERTIFICATES

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT




ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Universal GmbH

This certificate is granted to the organization,

**BKS Kalip Makina Yedek Parca
Otomotiv Insaat San. ve Tic. Ltd. Sti.,**

Aydin Mah. 4324 Sk. No: 32/ 1A Karabaglar/ Izmir/ Turkey

by review of SA1.008251 numbered report for the scope

**Manufacturing and Sales of Fluid Powered Equipments and
Parts, Machining, Design, Manufacture and Sales of Molds**

to certify that a management system in accordance with
standard's clauses is established and being implemented

DIN EN ISO 14001:2015

Certificate No : EMS 1118 008251

Original Certification Date : 2018 - 11 - 20

Issue / Revised Date : 2019 - 11 - 20

Expiry Date : 2020 - 11 - 19

Certification Period : 3 Years (2nd Year)





Universal GmbH

The authenticity of this certificate can be confirmed online or by e-mail to the Head Office via:
UNIVERSAL GmbH • Wilfried-Diekmann-Str. 20 • 44530 Lünen Germany • T: +49 (0) 231 9931 9900 • info@uni-cert.de • www.uni-cert.de

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT




OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Universal GmbH

This certificate is granted to the organization,

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REFERENCES

