



PLASTIC PIPE EXTRUSION SYSTEMS

lima[®]
extrusion
a lider makina company

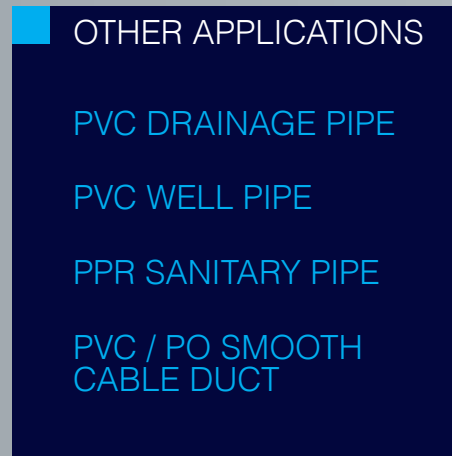
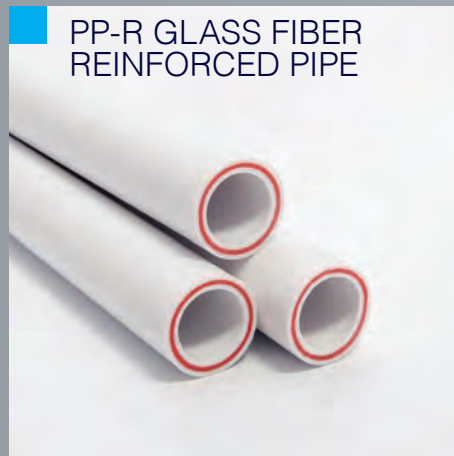
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OVER **30**
YEARS OF
EXCELLENCE

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PIPE EXTRUSION APPLICATIONS



OTHER APPLICATIONS

PVC DRAINAGE PIPE

PVC WELL PIPE

PPR SANITARY PIPE

PVC / PO SMOOTH
CABLE DUCT

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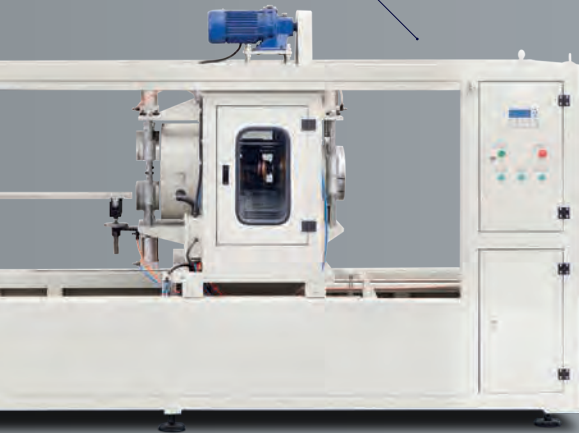
SOLUTIONS FOR COST-EFFECTIVE PRODUCTION AND PREMIUM QUALITY PRODUCTS.

Lima Extrusion is the reliable solution partner for planning, designing and manufacturing complete extrusion lines from a single source.

We provide single and twin screw extruders and downstream equipment for a wide range of pipe extrusion applications.

HIGH PERFORMANCE AND COST EFFECTIVE SOLUTIONS FOR ALL PIPE APPLICATIONS

PLANETARY CUTTER



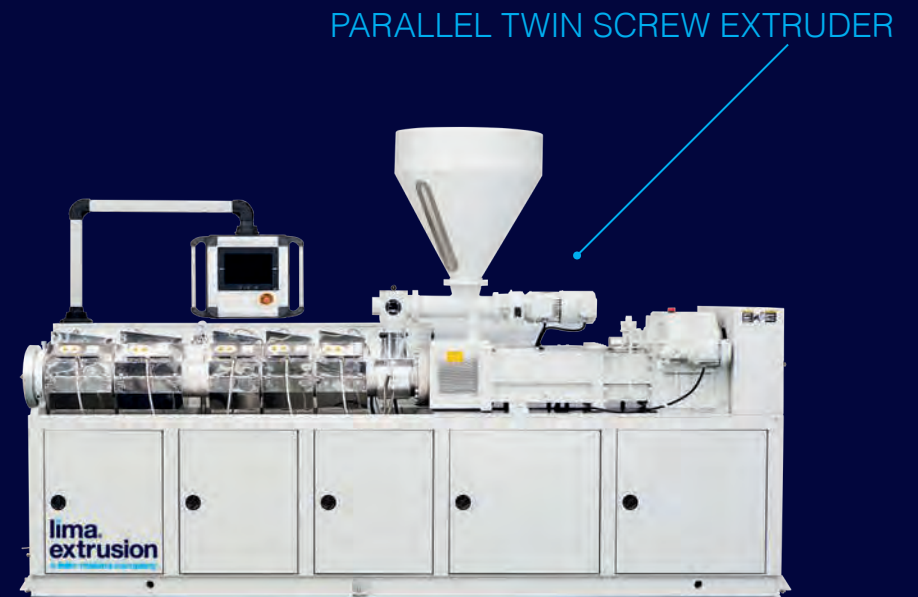
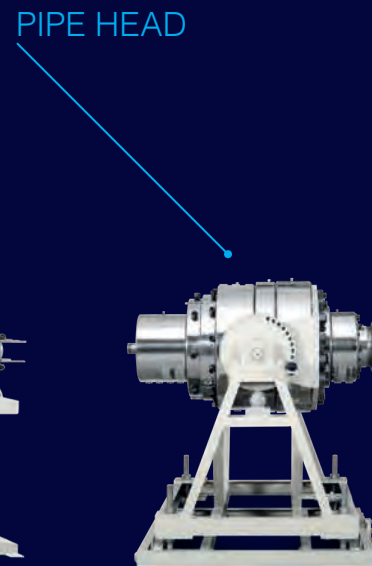
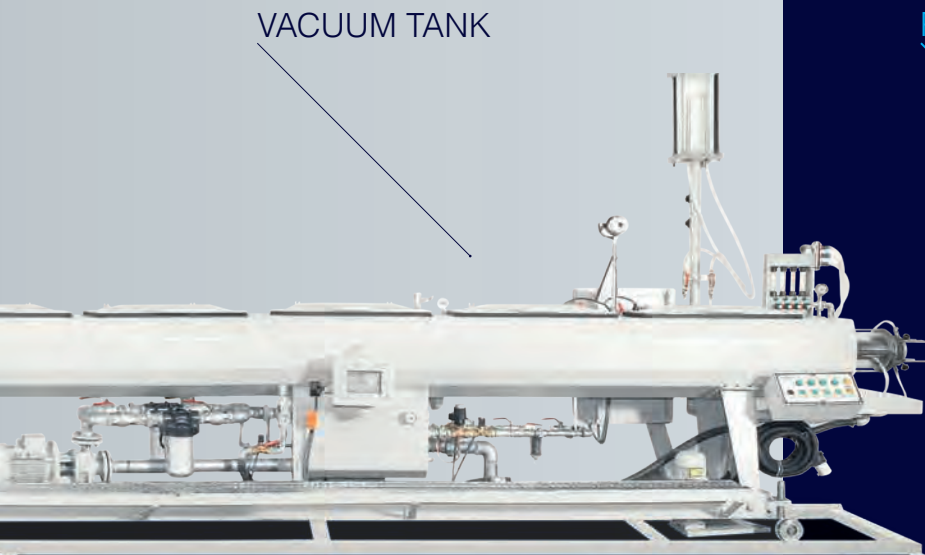
CATERPILLAR HAUL-OFF UNIT



lima[®] extrusion PIPE EXTRUSION LINE

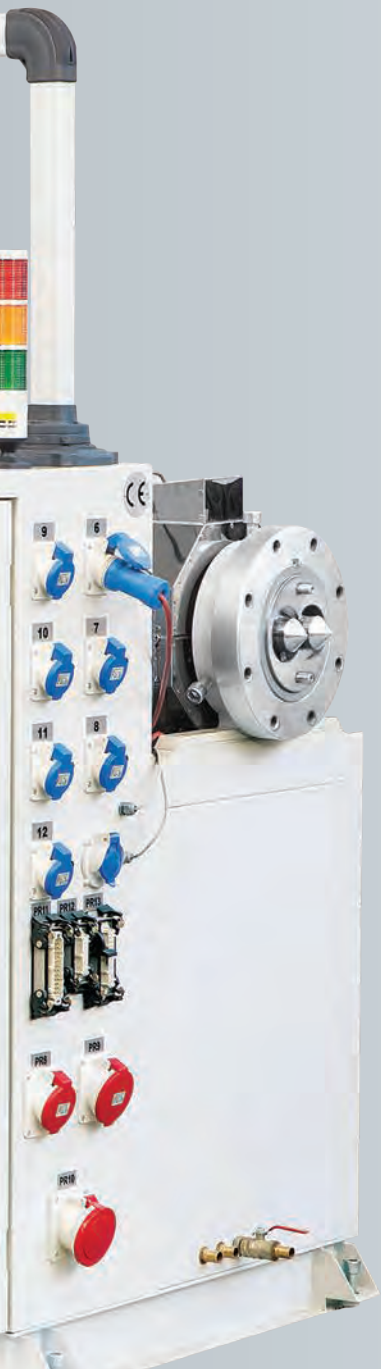
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HIGH-TECH PIPE EXTRUSION





lima® extrusion

PARALLEL TWIN SCREW EXTRUDERS

	OUTPUT
P65.24	150-200 kg/h
P78.30	220-280 kg/h
P90.24	230-320 kg/h
P90.28	350-450 kg/h

	OUTPUT
P90.32	500-600 kg/h
P110.30	600-700 kg/h
P132.23	800-1.000 kg/h
P160.22	1200-1.500 kg/h

* The given outputs depend on PVC material formulation, profile geometry and tooling.

We offer a wide range of counter-rotating parallel twin screw extruders, providing an optimal and tailor-made solution for every need and application.

FEATURE	ОСОБЕННОСТИ	ÖZELLİKLER
Gearbox, screw and barrel set is made in Italy	Редуктор, набор шнека и цилиндра сделаны в Италии	İtalyan redüktör, vida ve kovan seti
Optimum screw design	Оптимальная конструкция шнека	Optimum vida tasarımı
Maintenance-free screw cooling system	Не требующая дополнительного обслуживания система охлаждения шнека	Bakım gerektirmeyen vida soğutma sistemi
Barrel with air cooling system	Цилиндр с системой воздушного охлаждения	Hava soğutma sistemli kovan
AC motors offering optimum efficiency	Двигатели переменного тока, обеспечивающие оптимальную эффективность	Yüksek verimli AC motorlar
Industrial PC / PLC	Промышленный ПК / ПЛК	Endüstriyel PC / PLC
Industry 4.0	Индустрия 4.0	Endüstri 4.0

DESIGNED FOR THE
PE AND PP PIPE
EXTRUSION.





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SINGLE SCREW EXTRUDERS

	PP OUTPUT	HPDE OUTPUT
S45.36	220 kg/h	165 kg/h
S50.33	130 kg/h	119 kg/h
S60.33	230 kg/h	190 kg/h
S60.36	400 kg/h	300 kg/h
S75.33	380 kg/h	320 kg/h
S75.36	630 kg/h	465 kg/h

	PP OUTPUT	HPDE OUTPUT
S90.33	600 kg/h	500 kg/h
S90.36	880 kg/h	620 kg/h
S120.33	950 kg/h	675 kg/h
S125.36	1.300 kg/h	900 kg/h
S140.33	1.150 kg/h	950 kg/h
S160.33	1.650 kg/h	1.400 kg/h

* The given outputs depend on PVC material formulation, profile geometry and tooling.

We target to provide the optimal solutions for the customer's special needs with the advantage of flexibility in material choices, high performance and long durability.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Screw and barrel set is made in Italy.	Комплект шнека и ствола произведен в Италии.	İtalyan vida ve kovan seti.
Optimum screw design.	Оптимальная конструкция шнека.	Optimum vida tasarımı.
Maintenance-free screw cooling system.	Необслуживаемая система охлаждения шнека.	Bakım gerektirmeyen vida soğutma sistemi.
Barrel with air cooling system.	Ствол с воздушной системой охлаждения..	Hava soğutma sistemli kovan.
AC motors offering optimum efficiency.	Двигатели переменного тока с оптимальным КПД.	Yüksek verimli AC motorlar.
Industrial PC / PLC	Промышленный ПК/ПЛК	Endüstriyel PC / PLC
Industry 4.0	Индустрия 4.0	Endüstri 4.0

CO-EXTRUSION FOR COLOR STRIPE APPLICATION





lima[®] extrusion CO-EXTRUDERS

	OUTPUT
COEX.25	8-12 kg/h
COEX.40	25-30 kg/h

* The given outputs depend on PVC material formulation, profile geometry and tooling.

Lima Extrusion supplies co-extruder for the color stripe application in pipe extrusion systems.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Screw diameter 25 and 40 mm.	Диаметр шнеков 25 и 40 мм.	25 mm ile 40 mm vida çapı aralığı.
Optimum screw design.	Оптимальная конструкция шнека.	Optimum vida tasarımı.
Maintenance-free screw cooling system.	Необслуживаемая система охлаждения шнека.	Bakım gerektirmeyen vida soğutma sistemi.
Barrel with air cooling system.	Ствол с воздушной системой охлаждения.	Hava soğutma sistemli kovan.
AC motors offering optimum efficiency.	Двигатели переменного тока с оптимальным КПД.	Yüksek verimli AC motorlar.

lima® extrusion PIPE HEADS

FEATURES

Diameters from 16 to 800 mm.

Outputs from 85 to 1650 kg/h

Definite wall thickness distribution.

Low maintenance cost.

ОСОБЕННОСТИ

диаметры от 16 до 800 мм

Производительность
от 85 до 1650 кг/ч

Точное распределение толщины
стенки.

Низкая стоимость обслуживания.

ÖZELLİKLER

Çap aralığı 16 ile 800 mm

Kapasite aralığı 85 ila 1650 kg/s

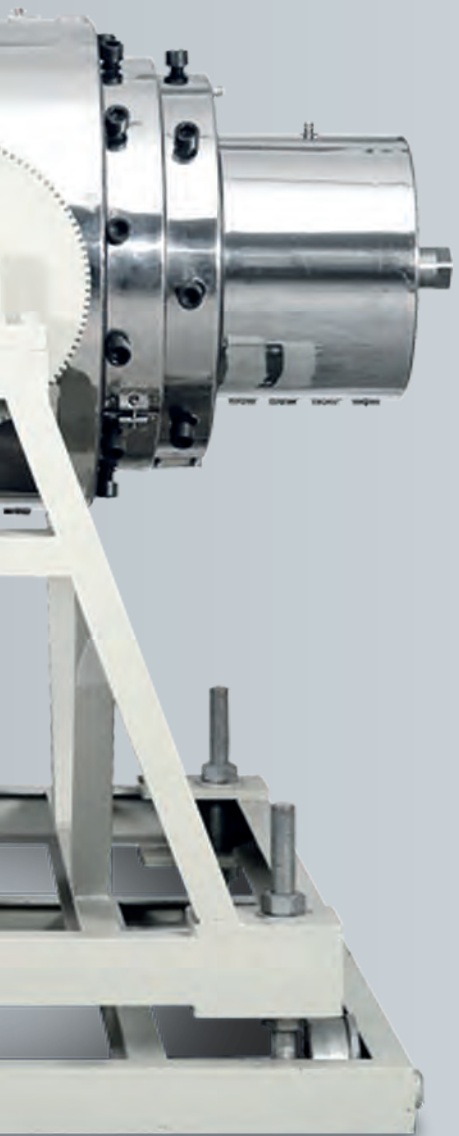
Kusursuz et kalınlığı dağılımı.

Düşük bakım maliyeti.

lima® extrusion designs and manufactures PVC and PE-PP pipe heads and dies, with a large range of diameters and wall thicknesses.

We can provide single-layer or multi-layer pipe head systems in order to meet our customer's requests.





lima® extrusion CALIBRATION SYSTEM

FEATURES

High wear resistant

Definite outer diameter calibration

Diameters from 16 to 800 mm.

ОСОБЕННОСТИ

Высокая износостойкость

Точный наружный диаметр калибрации

диаметры от 16 до 800 мм

ÖZELLİKLER

Aşınmaya karşı yüksek direnç

Kusursuz dış çap kalibrasyonu

16 ile 800 mm. çap aralığı

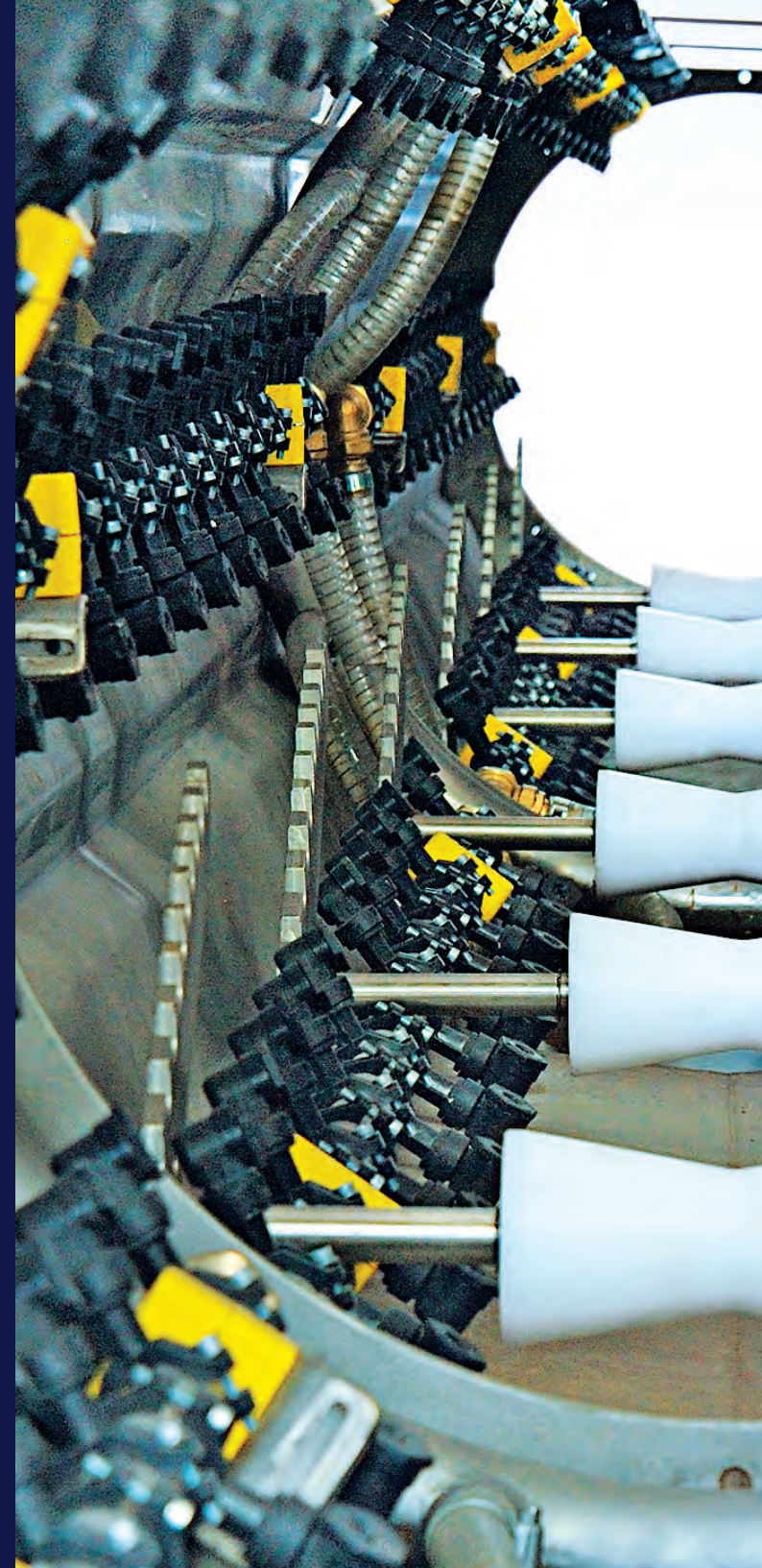
Covering a large range of diameters, we supply vacuum calibration sleeves which are used inside the vacuum tanks for the calibration process.

lima[®] extrusion VACUUM TANK

	PIPE DIAMETER RANGE	POWER	VACUUM PUMP CAPACITY	POWER	WATER PUMP CAPACITY	TANK LENGTH
VH63.6	16 to 63 mm	4 kW	95 m ³ /h	4 kW	25 m ³ /h	6.000 mm
VH63.9	16 to 63 mm	3 + 4 kW	80 + 95 m ³ /h	2 x 4 kW	2 x 25 m ³ /h	9.000 mm
VH110.6	20 to 110 mm	2 x 4 kW	2 x 95 m ³ /h	2 x 4 kW	2 x 25 m ³ /h	6.000 mm
VH110.9	20 to 110 mm	2 x 4 kW	2 x 95 m ³ /h	2 x 5.5 kW	2 x 35 m ³ /h	9.000 mm
VH160.6	20 to 160 mm	4 + 5.5 kW	95 + 165 m ³ /h	4 + 5.5 kW	25 + 35 m ³ /h	6.000 mm
VH160.9	20 to 160 mm	4 + 5.5 kW	95 + 165 m ³ /h	5.5 + 7.5 kW	35 + 45 m ³ /h	9.000 mm
VH250.6	50 to 250 mm	2 x 5.5 kW	2 x 165 m ³ /h	2 x 7.5 kW	2 x 45 m ³ /h	6.000 mm
VH250.9	50 to 250 mm	2 x 5.5 kW	2 x 165 m ³ /h	7.5 + 11 kW	45 + 60 m ³ /h	9.000 mm
VH400.9	160 to 400 mm	2 x 5.5 kW	2 x 165 m ³ /h	7.5 + 11 kW	45 + 60 m ³ /h	9.000 mm
VH630.9	250 to 630 mm	5.5 + 7.5 kW	165 + 205 m ³ /h	11 + 15 kW	60 + 70 m ³ /h	9.000 mm
VH800.9	400 to 800 mm	2 x 7.5 kW	2 x 205 m ³ /h	11 + 15 kW	60 + 70 m ³ /h	9.000 mm

We provide vacuum tanks for the calibration and cooling process of plastic pipes covering diameters from 16 to 800 mm.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Stainless steel tank.	Бак из нержавеющей стали.	Paslanmaz çelik tank.
Motordriven longitudinal movement.	Продольное перемещение с приводом от двигателя.	Motor tahrikli boylamasına hareket.
Diameters from 16 to 800 mm.	диаметры от 16 до 800 мм	16 mm'den 800 mm'ye çap aralığı.
Vacuum tank length from 6 to 9 mt.	длина вакуумного бассейна от 6 до 9 м	6 m'den 9 m'ye vakum tankı uzunluğu.
Low maintenance cost.	Низкая стоимость обслуживания.	Düşük bakım maliyeti.





lima[®] extrusion COOLING TANK

	PIPE DIAMETER RANGE	WATER PUMP POWER	WATER PUMP CAPACITY	TANK LENGTH
SH63	16 to 63 mm	4 kW	25 m ³ /h	6.000 mm
SH110	20 to 110 mm	5.5 kW	35 m ³ /h	6.000 mm
SH160	20 to 160 mm	5.5 kW	35 m ³ /h	6.000 mm
SH250	50 to 250 mm	7.5 kW	45 m ³ /h	6.000 mm
SH400	160 to 400 mm	7.5 kW	45 m ³ /h	6.000 mm
SH630	250 to 630 mm	11 kW	60 m ³ /h	6.000 mm
SH800	400 to 800 mm	15 kW	70 m ³ /h	6.000 mm

All of our tanks are built in stainless steel which guarantees total absence of corrosion.

FEATURES

Stainless steel tank.

Diameters from 16 to 800 mm.

Low maintenance cost.

ОСОБЕННОСТИ

Бак из нержавеющей стали.

диаметры от 16 до 800 мм

Низкая стоимость обслуживания.

ÖZELLİKLER

Paslanmaz çelik tank.

16 mm'den 800 mm'ye çap aralığı.

Düşük bakım maliyeti.

We provide efficient, reliable and durable solutions to our customer's needs.

lima[®] extrusion

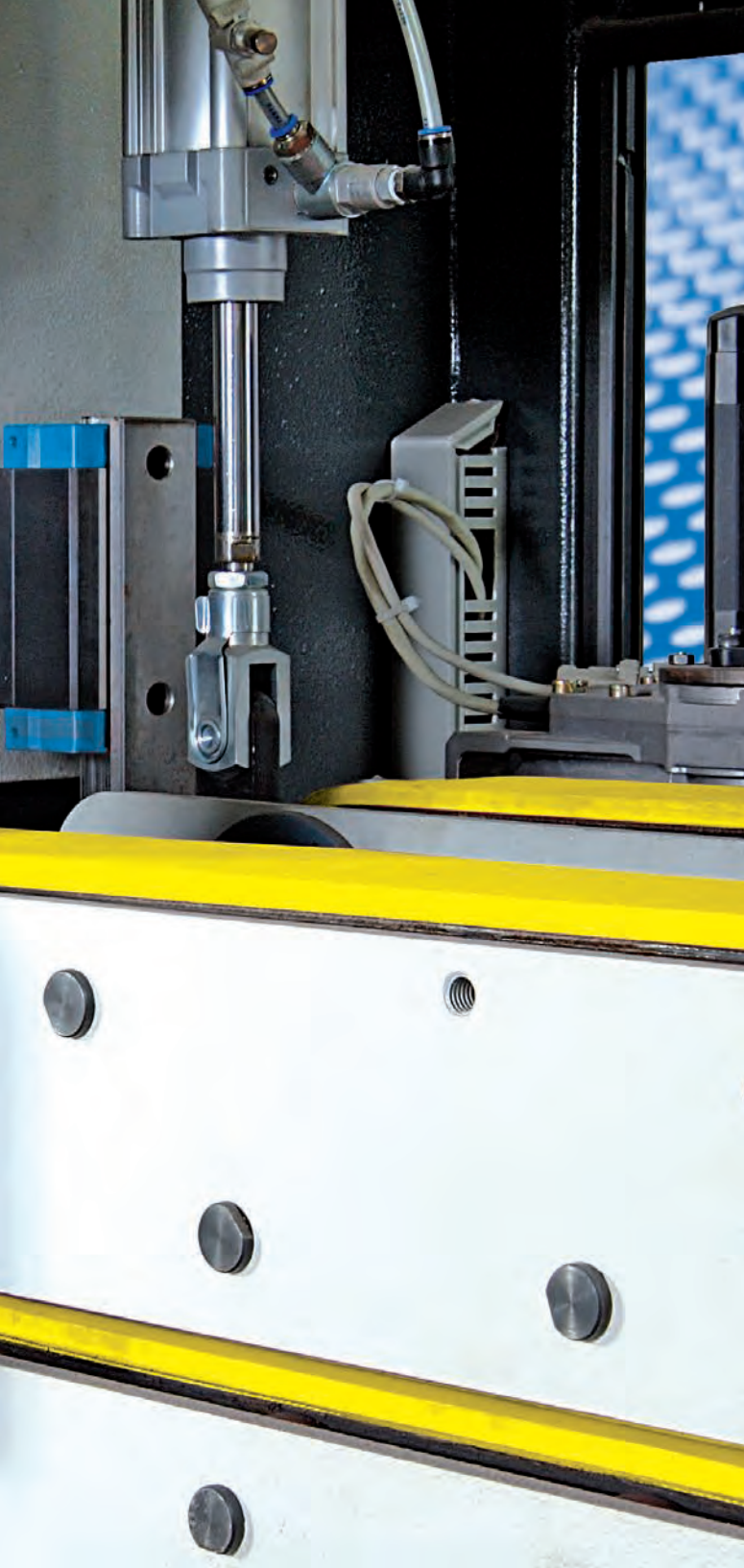
CATERPILLAR HAUL-OFF UNITS

	PIPE DIAMETER RANGE	CATERPILLAR
BC 63-2	16 to 63 mm	2 Track
BC 110-2	20 to 110 mm	2 Track
BC 160-3	20 to 160 mm	3 Track
BC 250-4	50 to 250 mm	4 Track
BC 400-4	160 to 400 mm	4 Track
BC 630-6	250 to 630 mm	6 Track
BC 800-8	400 to 800 mm	8 Track

A wide range of haul-off units allows us to provide you the ideal solution for your needs.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Caterpillar or belt type haul-off.	Буксировка гусеничного или ленточного типа.	Caterpillar veya kayış tipi çekici.
Flexibility in pad dimensions.	Гибкость в размерах колодки.	Palet boyutlarında esneklik.
Speed adjustment by inverter.	Регулировка скорости инвертором.	İnvertör ile hız ayarı.
Low maintenance cost.	Низкая стоимость обслуживания.	Düşük bakım maliyeti.





lima® extrusion BELT HAUL-OFF UNITS

	PIPE DIAMETER RANGE	BELT
BBC.63	16 to 63 mm	2 Piece

Depending on the application, we have both caterpillar and belt haul-off versions on our pipe extrusion downstream.

FEATURES	ОСОБЕННОСТИ	ÖZELLİKLER
Caterpillar or belt type haul-off.	Буксировка гусеничного или ленточного типа.	Caterpillar veya kayış tipi çekici.
Flexibility in pad dimensions.	Гибкость в размерах колодки.	Palet boyutlarında esneklik.
Optionally equipped either with a saw or a hot blade cutter.	Опционально оснащается пилой или резаком с горячим лезвием.	İhtayaca göre testere veya sıcak bıçaklı kesici ile donatılmaktadır.
Speed adjustment by inverter.	Регулировка скорости инвертором.	İnvertör ile hız ayarı.
Low maintenance cost.	Низкая стоимость обслуживания.	Düşük bakım maliyeti.



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lima[®] extrusion CUTTING UNITS

PIPE DIAMETER RANGE

DK Series Planetary Cutter	50 to 800 mm
TK.63 Series Saw Cutter	16 to 63 mm
GK.32 Series Guillotine Cutter	16 to 32 mm

* The given outputs depend on PVC material formulation, profile geometry and tooling.

For medium and large diameter pipes, we supply our planetary (DK series) cutting units. For small diameter pipes, we offer our guillotine (GK 32) and saw cutter (TK 63) models.

FEATURES

ОСОБЕННОСТИ

ÖZELLİKLER

Special design for pipes.	Специальная конструкция для труб.	Boru imalatı için özel tasarım.
Synchronized with the extruder.	Синхронизирован с экструдером.	Ekstrüder ile senkronize.
Adjustable cutting speed.	Регулируемая скорость резки.	Ayarlanabilir kesim hızı.
Dust-free and chip-free cutting.	Резка без пыли и сколов.	Tozsuz ve çapaksız kesim.
Low maintenance cost.	Низкая стоимость обслуживания.	Düşük bakım maliyeti.

Lima Extrusion offers several types of cutting units for pipe applications.

lima[®] extrusion TIP TABLE

FEATURES

Tilting or roller type tip table

Stainless steel table

Low maintenance cost

ОСОБЕННОСТИ

Пневматическая система опрокидывание или роллерного типа

Стол из нержавеющей стали

Низкая стоимость технического обслуживания

ÖZELLİKLER

Pnömatik veya makaralı devirme sistemi

Paslanmaz çelik masa

Düşük bakım maliyeti





lima[®] extrusion **TECHNICAL SUPPORT**

We provide you with fast and reliable assistance whether on site or remote online services.

Our experts can analyze the malfunctions with remote access technology and fix them instantly.

AFTER SALES SERVICE

We support you throughout your machine's lifecycle with a strong focus on your specific needs.

In order to satisfy your wishes, we provide you a wide range of services including commissioning, inspection, maintenance and repair.



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